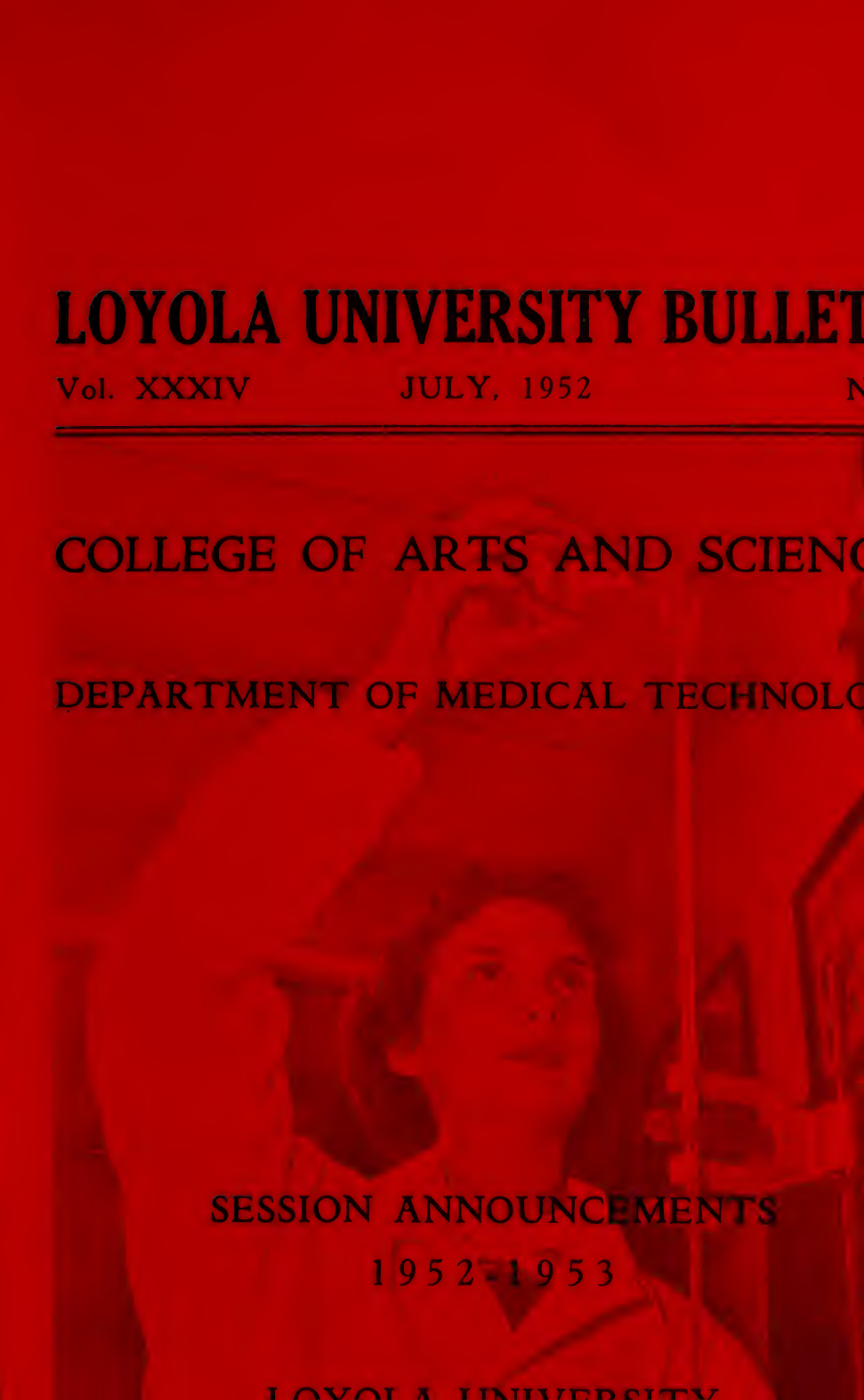
LOYOLA UNIVERSITY BULLET

Vol. XXXIV JULY, 1952 N

COLLEGE OF ARTS AND SCIENC

DEPARTMENT OF MEDICAL TECHNOLO



SESSION ANNOUNCEMENTS

1952-1953

LOYOLA UNIVERSITY

LOYOLA UNIVERSITY BULLETIN

Vol. XXXIV July, 1952 N

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Loyola University, Incorporated April 15, 191
to grant degrees by the General Assembly of Lo
year 1912.

The Legal and Corporate Title of the Univers
"Loyola University, New Orleans

All donations, endowments, legacies, bequests,
made under this title

COLLEGE OF ARTS AND SCIE

DEPARTMENT OF MEDICAL TECHN

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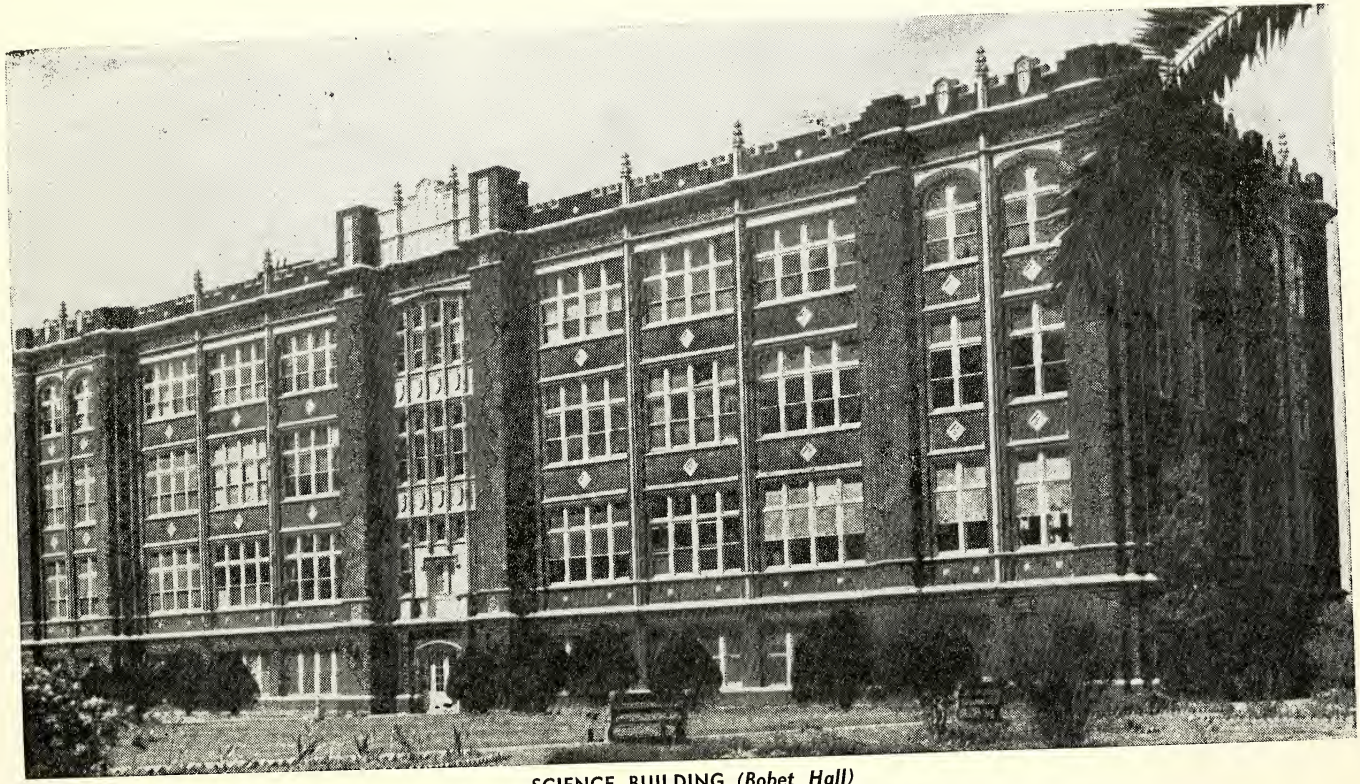

SCIENCE BUILDING *(Bobet Hall)*

1952 - CALENDAR - 1952

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1953 - CALENDAR - 1953

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FEBRUARY

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SESSION CALENDAR—1952-1953

FALL SEMESTER

Sept. 22, Monday—Opening of the Fall Semester. Freshman Orientation Week through Friday, September 26.
2:00 P.M. Placement Tests.

Sept. 23, Tuesday—10:00 A.M. Placement Tests.

Sept. 24, Wednesday—9:00 A.M.-4:00 P.M. Completion of Freshman Registration.

Sept. 25-26, Thursday and Friday—Registration of Sophomores, Juniors and Seniors.

Sept. 27, Saturday—Registration for Saturday Classes.

Sept. 29, Monday—Fee for late registration. Lectures and classes begin.

Oct. 3, Friday—Latest date for registration or schedule adjustments.

Oct. 4, Saturday—1:00 P.M. to 5:00 P.M.—Examinations for removal of conditions incurred in the Summer Session.

Oct. 7, Tuesday—Mass of the Holy Ghost.

Oct. 17, Friday—Latest date for official withdrawal from courses.

Nov. 1, Saturday—Feast of All Saints. University holiday.

Nov. 20, Thursday—Mid-semester examinations begin.

Nov. 27, Thursday—Thanksgiving. University holidays Thursday through Saturday.

Dec. 8, Monday—Feast of the Immaculate Conception. University holiday.

Dec. 19, Friday—Christmas holidays begin after last class.

1953

Jan. 5, Monday—Classes resumed.

Jan. 12, Monday—Opening of Pre-registration for the Spring Semester, 1953.

Jan. 23, Friday—End of Pre-registration for the Spring Semester, 1953.

Jan. 26, Monday—Final examinations begin.

SPRING SEMESTER

Feb. 2, Monday.....Fee for late registration. Lectures and classes begin.

Feb. 13, Friday.....Latest date for registration or schedule adjustments.

Feb. 14, Saturday.....1:00 P.M. to 5:00 P.M. Examinations for removal of conditions incurred in the Fall Semester.

Feb. 16-17, Monday and Tuesday .....Mardi Gras. University holidays.

Feb. 20, Friday.....Latest date for application of candidates for degrees to be conferred in May, 1953.

March 6, Friday.....Last day for official withdrawal from courses.

March 23, Monday.....Mid-semester examinations begin.

April 1, Wednesday.....Easter holidays begin after last class.

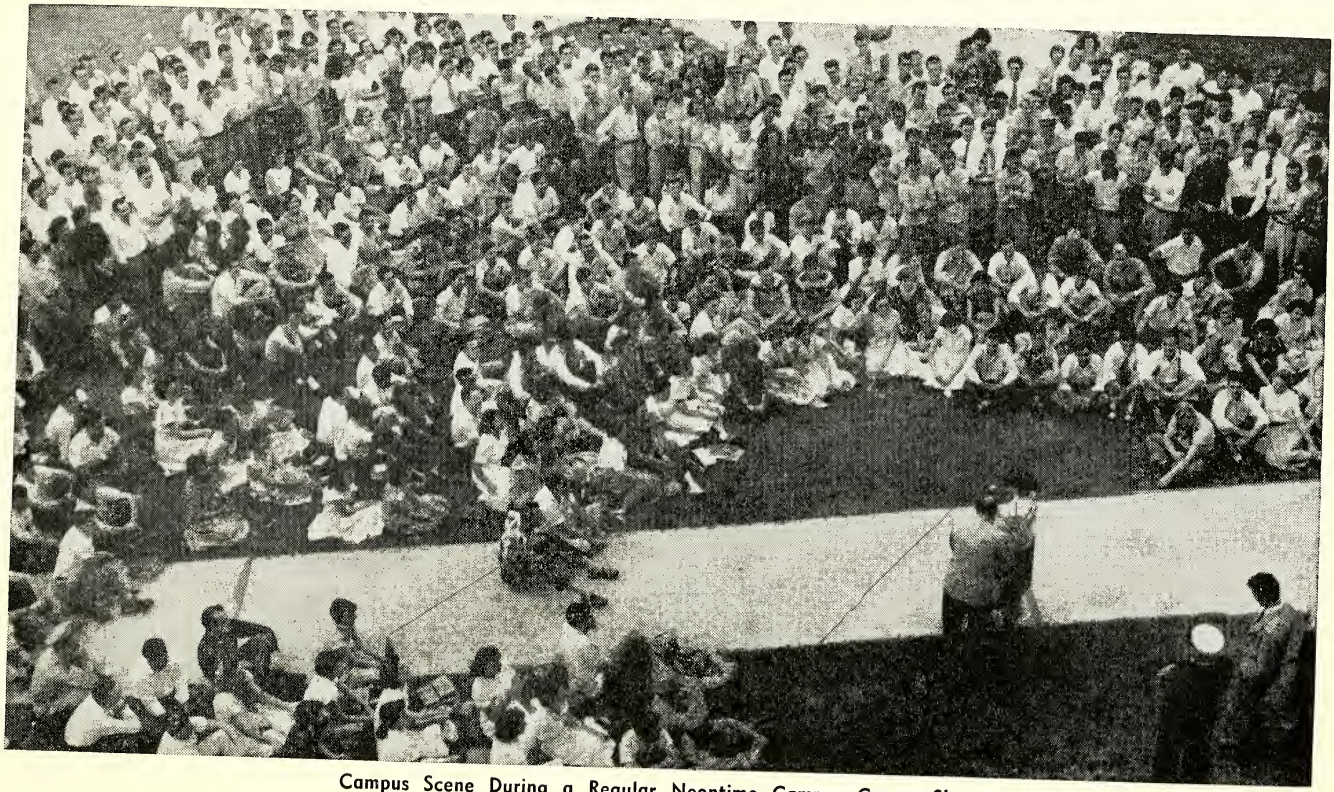
April 7, Tuesday.....Classes resumed.

May 14, Thursday.....Feast of the Ascension. University holiday.

May 15, Friday.....Theses due in final form from candidates for degrees to be conferred in May, 1953.

May 25, Monday.....Final examinations begin.

May 30, Saturday.....Commencement exercises.



Campus Scene During a Regular Noontime Campus Capers Show

LOYOLA UNIVERSITY

Founded in 1912

Member of the Southern Association of Colleges and Secondary Schools.

Member of the National Catholic Educational Association.

Member of the Jesuit Educational Association.

Member of the Association of American Colleges.

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Rev. Edward A. Doyle, S.J., Ph.D.....*Vice-President*

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Rev. Theodore A. Ray, S.J., A.M.....*Treasurer*

Rev. William D. O'Leary, S.J., A.M., M.D.
Director of Loyola University Radio Station WWL

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Miss Margaret E. Carey, *Registrar Emerita*

Miss Carmel V. Discon, A.M., *Registrar*

James W. Dyson, A.M., B.S. in L.S., *Librarian*

Rev. John A. Toomey, S.J., A.M., *Director of Public Relations*

Alfred J. Bonomo, A.M., LL.M., LL.D., *Director of Radio Educational Programs*

Lawrence D. Kavanagh, B.S., M.D., *University Physician*

FACULTY OF THE DEPARTMENT OF MEDICAL TECHNOLOGY

John G. Arnold, Jr., A.M., Ph.D. Chairman of Department and Director of Academic Training

A. B., Ohio State University, 1930; A.M., Wesleyan University, 1932; Ph.D., New York University, 1934.

Assistant Parasitologist, 1931-1932; Biological Survey, New York State Conservation Department.

Graduate and Research Assistant, Wesleyan University, 1931-1932; Teaching Fellow, New York University, 1932-1934; Instructor, summer of 1934, College of the City of New York; Professor of Biology and Chairman of the Department, Loyola University, 1934—; Chairman, Department of Medical Technology, Loyola University, 1935—. Clinical Pathologist, LaGarde General Hospital, U. S. Army, 1942-43; Commanding Officer, First Malaria Survey Unit, Guadalcanal, 1943-44.

Membership in Learned Societies: The American Association for the Advancement of Science; The American Society of Parasitologists; Catholic Round Table of Science; The American Microscopic Society; The New Orleans Academy of Sciences; New Orleans Botanical Society; Beta Lambda Sigma, New York University Honorary Biology Society; Sigma Xi; Theta Beta, National Honor Biology Society; Blue Key, National Honor Service Fraternity; National Catholic Educational Association; Beta Epsilon Upsilon· Agramonte Pre-Medical Society; Delta Epsilon Sigma; Gamard, Pre-Dental Society.

Major Field of Research: Parasitology.

Paul F. Bailey, M.S. Professor of Chemistry

B.S., Loyola University, 1926; M.S., ibid., 1940.

Professor of Chemistry, Jesuit High School, 1926-1928; Assistant Professor of Chemistry, Loyola University, 1930-1942; Associate Professor, ibid., 1942-1945; Professor, ibid., 1945-

Membership in Learned Societies: New Orleans Academy of Sciences; American Chemical Society; Fellow—American Institute of Chemists; Theta Beta, National Honor Biology Society; Catholic Round Table of Science; National Geographic Society; The American Association for the Advancement of Science; Blue Key, National Honor Fraternity; Beta Epsilon Upsilon; Agramonte Pre-Medical Society.

Major Field of Research: Chemistry.

Rev. Joseph S. Bogue, S.J., Ph.D. Professor of Philosophy and Chairman of the Department

A. B., Gonzaga University, 1925; A. M., ibid, 1926; Ph. D., Gregorian University, Rome, 1937.

Instructor, Spring Hill College, 1926-1928; Professor, Jesuit High School of New Orleans, 1928-1929; Professor of Philosophy and Superior of the House of Philosophy, Spring Hill College, 1937-1951;

Professor of Philosophy and Chairman of the Department, Loyola University, 1951—.

Major Field of Research: Philosophy.

Rev. Martin P. Burke, S.J., Ph.D., S.T.D. Professor of Philosophy

A. B., St. Louis University, 1906; A.M., ibid., 1907; Ph.D., Gregorian University, Rome, 1924; S.T.D., Woodstock, 1916.

Teacher, Old Jesuit High School, 1907-1909, 1916-1917; Professor, Springhill College, 1909-1912, Professor and Chairman of the Philosophy Department Loyola University, 1918-1951; Professor, ibid., 1918—.

Membership in Learned Societies: Catholic Philosophical Association.

Major Field of Research: Philosophy.

Rev. Paul L. Callens, S.J., A.M. Professor of Classical Languages, and Chairman of the Department, and Chairman of the Modern Language Department

A.B., Mt. St. Michael, Spokane, Washington, 1919; A.M., ibid., 1920.

Instructor, Jesuit High School, 1920-23; Professor of Humanities, St. Charles College Seminary, 1927-33; Instructor, Jesuit High School, Shreveport, La., 1933-37; Instructor, Jesuit High School, Tampa, 1937-39; Instructor of Classical Languages, Loyola University, 1939-43; Instructor of Classical Languages, Springhill, 1943-45; Professor and Chairman of Classical Languages, Loyola University, 1945—; Chairman of the Department of Modern Languages, 1952—.

Membership in Learned Societies: South Central Modern Language Association.

Major Field of Research: Classical Languages.

Gerald J. Eberle, A.M., Ph.D. Professor of English

A.B., St. Norbert College, 1934; A.M., University of Wisconsin, 1936; Ph.D., ibid., 1945.

Instructor, St. Norbert College, 1934-1935; Instructor of English, Loyola University, 1936-1938; Assistant Professor of English, ibid., 1939-1945; Associate Professor of English, ibid., 1945-1949; Folger Shakespeare Library Research Fellow, 1946-1947; Professor of English, Loyola University, 1949—.

Membership in Learned Societies: National Council of Teachers of English; Modern Language Association of America; Bibliographical Society of London; Modern Humanities Research Association; Malone Society; Bibliographical Society of the University of Virginia.

Major Field of Research: Elizabethan Drama and Bibliography.

Rev. George A. Francis, S.J., A.M., Ph.D. Professor of Chemistry and Chairman of the Department

A.B., Woodstock College, 1918; A.M., St. Louis University, 1919; Ph.D., Fordham University, 1922.

Teacher, College of the Immaculate Conception, 1912-1914; Professor and Chairman of the Chemistry Department, Loyola University, New Orleans, 1923—.

Membership in Learned Societies: American Chemical Society; New Orleans Academy of Sciences.

Major Fields of Research: Biochemistry and Organic Chemistry.

James Amedée Gaudet, M.D. Professor of Medical Technology

Student Assistant in Anatomy, Department of Dentistry, Tulane University, 1919-1920, Student Assistant in Neurology, Tulane University, 1920; Director of Clinical Pathology, James T. Nix, Clinic, 1922—.

Membership in Learned Societies: Fellowship, American Medical Association, 1923-1933, Southern Medical Association, 1923-1930; American Medical Association, 1923-1935; Orleans Parish Medical Society, 1923-1933; Louisiana State Medical Society, 1923-1933; Theta Beta, National Honor Biology Society.

Major Field of Research: Clinical Pathology.

William H. Harris, Jr., M.D. Professor of Medical Technology, Director of Hospital Training

A. B., Tulane University, 1936; M. D., ibid., 1940.

Assistant Professor Department of Pathology, Tulane University, 1951—; Director, Sara Mayo Clinic, Department of Pathology, 1950—.

Membership in Learned Societies: American Medical Association, Louisiana State Medical Society, Orleans Parish Medical Society, Phi Beta Kappa, Alpha Omega Alpha, American Association of Pathologists and Bacteriologists, Certified by the American Board of Anatomical Pathology, Louisiana Association of Pathologists, Associate Fellow—Southeast Surgical Congress.

Major Field of Research: Cytologic Diagnosis of Cancer.

Ralph Milo Hartwell, M.D. Professor of Medical Technology, Director of Hospital Training

St. Vincent's Hospital, Sioux City, Iowa R. N. 1931; University of South Dakota, 1931-33; Louisiana State University Medical Center, 1933-37, M.D.

Internship and Residency, Ohio State University, 1937-40; Instructor, Department of Pathology, Ohio State University, 1937-1942; Assistant Professor, Department of Pathology, Ohio State University, 1942-1948; Clinical Assistant Professor, Louisiana State University, School of Medicine, 1948—; Director of Laboratories, St. Francis Hospital, Columbus, Ohio, 1940-1946; Director of Laboratories, Grant Hospital, Columbus, Ohio, 1942-1948; Director of Laboratories, Hotel Dieu, 1948—.

Membership in Learned Societies Certified by American Board of Pathology in Clinical Pathology and Pathologic Anatomy, 1942; American Society of Clinical Pathologists; American Association of Pathologists and Bacteriologists; Fellow of the College of American Pathologists; Orleans Parish Medical Society; Louisiana State Medical Society; Fellow of the American Medical Association; Member A. A. A. S.

Major Field of Research: Pathology.

George Hauser, M.D. Professor of Medical Technology, Director of Hospital Training

M. D. Tulane University, 1915.

Internship, Charity Hospital, 1916-1917; Director—Division Laboratories Louisiana State Department of Health and City of New Orleans, 1917; Assistant Professor Pathology and Epidemiology, Tulane University; Pathologist, Charity Hospital, 1924-1928; Pathologist, Illinois Central Hospital, 1919-1923; Director and Pathologist, Mercy Hospital, 1924—; Assistant Coroner, 1924-1928; Private Laboratory, 727 Audubon Building, 1918—; Active Staff, Mercy Hospital and Hotel Dieu; Professor of Bacteriology and Pathology, Loyola Post-Graduate School of Medicine; Bacteriology and Laboratory Technique; Mercy Hospital Nursing School.

Membership in Learned Societies: American Medical Association; Louisiana State Medical Society; Orleans Parish Medical Society; Southern Medical Association; American Society of Clinical Pathologists; Fellow American Board of Pathology (C.P. and P.A.), Founding Fellow College American Pathologists; American Public Health Association; Louisiana State Association of Pathologists; Alpha Omega Alpha; Stars and Bars.

Major Field of Research: Clinical Pathology.

Ambrose J. Hertzog, M. D. Professor of Medical Technology Director of Hospital Training

B. S., Springhill College, 1928; M. D., Tulane University, 1932; M. S., University of Minnesota, 1937; Ph. D. ibid, 1938.

Internship, Touro Infirmary, 1932-33; Fellow in Pathology, Mayo Clinic, Rochester, 1934-36; Teaching Fellow in Pathology, University of Minnesota, 1936-38; Pathologist, Luther Hospital, Eau Claire, Wisconsin, 1938-42; Pathologist, St. Barnabas Hospital, Northwestern Hospital and Minneapolis General Hospital, Minneapolis, 1942-48; Assistant Professor of Pathology, University of Minnesota, 1942-48; Pathologist, Touro Infirmary, 1948—; Lecturer in Pathology, Tulane School of Medicine, 1951—.

Membership in Learned Societies: Diplomat, American Board of Pathology; American Association of Pathologists and Bacteriologists; American Society of Clinical Pathologists; Louisiana State Medical Society; American Medical Association.

Major Field of Research: Pathology and Hematology.

Mark Daniel Horne, A.M., Ph.D. Professor of English

Ph.B., Loyola University, 1934; A.M., Louisiana State University, 1935; Ph.D., ibid., 1939.

Instructor in English, Alcee Fortier High School, 1935; Teaching Fellow in English, Louisiana State University, 1936-1938; In-

structor of English, Loyola University, 1938-1941; Assistant Professor of English, ibid., 1941-45; Associate Professor of English, ibid., 1945-49; Professor of English, ibid., 1949—.

Membership in Learned Societies: Modern Language Association of America; S.C.M.L.A.

Major Field of Research: Restoration Drama.

Aldea Maher, M.A., M.D. Professor of Medical Technology

A.B., Newcomb College, Tulane University, 1913; M.A., Tulane University, 1914; M.D., ibid., 1919.

Internship, Charity Hospital, New Orleans, 1919-1920; Pathologist, Women's Dispensary, 1919-20; Instructor, Laboratory Clinical Medicine, Tulane University, 1920-23; Director, Pan-American Laboratory, 1923-; Associate Pathologist, Hotel Dieu, 1920-; Professor of Physiological Chemistry, Loyola University, 1930-40; Professor of Chemistry, Hotel Dieu Training School for Nurses; Active Staff of Hotel Dieu.

Membership in Learned Societies: American Medical Association; Louisiana State Medical Society; Orleans Parish Medical Society; Women's National Medical Association; American Society of Clinical Pathologists; Alpha Omega Alpha, Honorary Fraternity; Stars and Bars.

Major Field of Research: Clinical Pathology.

Rev. Karl A. Maring, S.J., A.M., Ph.D. Professor of Physics and Chairman of the Department

A.B., Woodstock College, 1915; A.M., ibid., 1916; Ph.D., St. Louis University, 1932:

Instructor Spring Hill High School, 1916-1918; Professor of Chemistry, St. Charles College, 1918-1921; Instructor in Physics, Spring Hill College, 1925-1928; Teaching Fellow, St. Louis University, 1928-1931; Professor Physics and Chairman of the Department, Loyola University, 1931—.

Membership in Learned Societies: American Mathematical Society; Board of Southern Intercollegiate Mathematical Association; New Orleans Academy of Sciences; American Association for the Advancement of Science.

Major Field of Research: Light and Atomicphysics.

Edmond L. Merilh, M.S. Professor of Biology

B.S., Spring Hill College, 1917; Certificate of Bacteriology and Pathology, Loyola University, 1922; M.S., Loyola University, 1923.

Instructor in Biology, Loyola University, 1919-1922; Associate Professor of Biology, ibid., 1922-1943; Professor, ibid., 1943—.

Membership in Learned Societies: The Louisiana Academy of Sciences; The American Association for the Advancement of Science; The Catholic Round Table of Science; The American Pharmaceutical Association; Member of the Board, Eye, Ear, Nose and Throat Hospital; New Orleans Academy of Science; American Microscopical Society; B.B.B.; Phi Rho Sigma Fraternity; Theta Beta, National Honor Biology Society; Louisiana Department of Conservation; Moderator of Agramonte L'Union Francaise; National

Geographic Society; O. L. Pothier Society; National Catholic Educational Association; New Orleans Botanical Society; Blue Key National Honor Service Fraternity; Biological Society; Lifetime Professional (Teacher's) Certificate, State of Louisiana; Beta Epsilon Upsilon; Gamard, Pre-Dental Society; Southern Branch of S.A.B. (Society of American Bacteriologists).

Major Field of Research; Pathogenic Bacteriology.

Walter G. Moore, A.M., Ph.D. Professor of Biology

A.B., Wayne University, 1934; A.M., University of Minnesota, 1938; Ph.D., ibid., 1940.

Assistant Biologist, U. S. Forest Service, Summer, 1935; Assistant Biologist, Minnesota Department of Conservation, Summers, 1937-40.

Laboratory Assistant in Zoology, Wayne University, 1931-1934; Instructor in Zoology, Wayne Freshman College, 1934-1935; Teaching Assistant in Zoology, University of Minnesota, 1935-1940; Instructor of Biology, Loyola University, 1940-1941; Assistant Professor of Biology, ibid., 1941-1946; Acting Chairman, Departments of Biology and Medical Technology, ibid., 1942-1944; Associate Professor of Biology, ibid., 1946-51; Professor of Biology, ibid., 1951—.

Membership in Learned Societies: Louisiana Academy of Science; New Orleans Academy of Sciences; New Orleans Botanical Society; Limnological Society of America; Ecological Society of America; American Microscopical Society; American Society of Icthyologists and Herpetologists; American Association for the Advancement of Sciences; Sigma Xi; Theta Beta, National Honor Biology Society; Gamma Alpha, Graduate Scientific Fraternity; Beta Epsilon Upsilon; Agramonte Premedical Society; Blue Key; Collaborating Specialist, U. S. National Museum.

Major Field of Research: Aquatic Ecology and Limnology.

Rev. William A. Mulherin, S.J., A.M. Professor of Philosophy

A.B., Mt. St. Michael, Spokane, 1921; A.M., ibid, 1922.

Instructor, Springhill College, 1931-35; Assistant Professor, ibid., 1935-41; Associate Professor, ibid., 1941-43; Associate Professor, Loyola University, 1945-51; Professor, ibid., 1951—.

Major Field of Research: Philosophy.

Rev. Eugene J. O'Connor, S.J., A.M., Ph. D. Professor of English and Chairman of the Department

A.B., Woodstock College, 1911; A.M., St. Louis University, 1912; A. M., Loyola University, 1920; Ph.D., Georgetown College, 1913.

Instructor, St. Charles College, 1913-1914; Instructor, Spring Hill College, 1914-1917; Teacher, Jesuit High School, 1922-1923; Principal, Tampa Jesuit High School, 1924-1926; Instructor of English, Loyola University, 1926-1928; Associate Professor of English, ibid., 1928-1930; Professor of English and Chairman of English Department, ibid., 1930—.

Membership in Learned Societies: Modern Language Association.

Major Field of Research: Classics.

Rev. Charles J. Quirk, S.J., A.M. Professor of English

A. B. Georgetown University, 1914; A. M., St. Louis University, 1937.

Instructor, St. Charles College, 1915-1920; Professor of English and Chairman of the Department, Spring Hill College, 1924-1939; Lecturer in Poetry (Summer Sessions) 1936-1937, St. Louis University; Professor of English, Loyola University, 1939—.

Membership in Learned Societies: National Council of Teachers of English; Modern Language Association of America; English Institute; Poetry Society of America; Poetry Society of Alabama and Poetry Society of Texas (honorary membership); New Orleans Shakespeare Society; Gallery of Living Catholic Authors; Mark Twain International Society; Eugene Field Society; Catholic Writers' Guild; Delta Epsilon Sigma (Charter member Pi Chapter)

Major Field of Research: American Literature, 1829-1860.

Rev. Samuel H. Ray, S.J., A.M., S.T.D. Professor of Theology, Student Counsellor, Sodality Director

A. B., Gonzaga University, Spokane, Wash., 1917; A. M., ibid., 1918; S.T.D., Gregorian University, Rome, Italy, 1931.

Teacher in High School of St. Charles College, Grand Coteau, La., 1918-1922. Dean of Studies and Professor of Rhetoric, St. Charles College Seminary, 1927-29; Dean of Men, Professor of Religion and Chairman of Department of Religion, Loyola University 1933-38; Retreat Master, Grand Coteau 1938-43; Navy Chaplain, 1943-46; Student Counsellor, 1946—; Chairman Department of Theology, Loyola, 1946-51.

Major Field of Research: Theology.

Lawrence L. Swan, M.D. Professor of Medical Technology, Director of Hospital Training

M.D., University of Illinois College of Medicine, 1940.

Internship and residency, State of Wisconsin General Hospital, Madison, Wisconsin, 1940-42; Chief, Laboratory Section, Station Hospital, Fort Leavenworth, Kansas, 1942-44; Pathologist in Charge of Histopathological Center, Fitzsimmons General Hospital, Denver, Colorado, 1944-1946; Pathologist for the Chest Tumor Registry of the Army Institute of Pathology, Washington, D. C., 1946-47; Assistant Professor of Pathology, University of Wisconsin, 1947-48; Chief of Pathology and Clinical Laboratory Section, U. S. Public Health Hospital, New Orleans, Louisiana, 1948—; Consulting Pathologist for the United States Public Health Service, Southern Area Laboratories, 1948—; Lecturer, Department of Pathology, Tulane University of Louisiana, 1948—.

Membership in Learned Societies: Certified by the American Board of Pathologic Anatomy and Clinical Pathology; American Association of Pathologists and Bacteriologists; American Society of Clinical Pathologists; member of College of American Pathologists; Fellow of the American Medical Association; Associate Member of Orleans Parish Medical Society; Member of Louisiana Association of Pathologists.

Major Field of Research: Histopathology.

Victor H. Baker — Associate Professor of German and Journalism

Certificate, Die Hochschule für Welthandel, University of Vienna, 1908.

Lecturer in Journalism, Loyola University, 1941-1942; Instructor in German and Journalism, ibid., 1942-1944; Assistant Professor of German and Journalism, ibid., 1944-1947; Associate Professor of German and Journalism, ibid., 1947—.

Membership in Learned Societies: American Association of Teachers of German; American Association of Teachers of Journalism; The American Academy of Political and Social Science; Verband der Geistig Schaffenden (Vienna).

Major Field of Research: Journalism — propaganda and censorship.

Winston R. deMonsabert, Ph.D.
Associate Professor of Chemistry

B.S., Loyola University, 1937; M.A., Tulane University, 1943; Ph.D., ibid., 1952.

Professor of Physics, Warren Easton High School, 1940-44; Professor of Physics and Chemistry, Behrman High School, 1944-48; Assistant Professor of Chemistry, Loyola University, 1948-50; Associate Professor, ibid., 1950—.

Membership in Learned Societies: American Chemical Society, American Association for the Advancement of Science; New Orleans Academy of Sciences; National Geographic Society; Fellow—American Institute of Chemistry; Sigma Xi.

Major Field of Research: Electrochemistry.

Timothy L. Duggan, M.S., M.T.
Associate Professor of Biology

A.B., Loyola University, 1929; M.S., ibid., 1936; Bachelor of Oratory, New Orleans College of Oratory, 1927; Registered Medical Technician, American Society of Clinical Pathologists, 1940.

Graduate Assistant, Loyola University, 1934-36; Instructor, ibid., 1936-40; Assistant Professor of Medical Technology, ibid., 1940-46; Associate Professor of Medical Technology, ibid., 1946—.

Membership in Learned Societies: American Association for the Advancement of Science; Association of Military Surgeons of the United States; American Society of Medical Technologists; Theta Beta, National Honor Biological Society; Blue Key, National Honor Service Fraternity; Louisiana State Society of Medical Technologists (Exec. Board, 1951—); New Orleans Academy of Sciences, Executive Committee; Southern Branch of S.A.B. (Society of American Bacteriologists); Gamard, Pre-Dental Society, Moderator; Agramonte Pre-Medical Society; Beta Epsilon Upsilon, National Medical Technology Society; Louisiana State Convention Department, Special Agent; The Louisiana Society Sons of the American Revolution.

Major Field of Research; Pathogenic Bacteriology.

Catherine G. Goetz, M.S., M.D. — Associate Professor of Medical Technology

B.S., in M.T., Loyola University, 1939; Registered Medical Technician, American Society of Clinical Pathologists, 1939; M.S., Tulane University, 1944; M.D., Louisiana State University, 1950; Interne Hotel Dieu, 1950-51; Resident in Pathology, ibid., 1951—.

Medical Technologist, Hotel Dieu, 1939-40; Medical Technologist, Loyola University, 1940-41; Lab. Assistant, Tulane Tropical Medicine, 1943-44; Instructor, Loyola University, 1941-45; Assistant Professor, ibid., 1945-50; Associate Professor, 1950—; Assistant Visiting Pathologist, Charity Hospital, 1952; Seminar Committee Louisiana Society Medical Technology, 1945; Internship, Hotel Dieu, 1951-52; 2nd yr. Pathology resident, Louisiana State University Pathology, 1952-53; Member, Catholic Physicians Health Program, 1951—.

Membership in Learned Societies: Orleans Parish Medical Society; Louisiana State Society of Pathologists, New Orleans Academy of Science, Theta Beta, Beta Epsilon Upsilon, Catholic Physicians Guild; Louisiana State Society of Medical Technology New Orleans Society of Medical Technology.

Major Field of Research: Medical Mycology.

Rev. Guy Lemieux, S.J., A.M., Ph.L., S.T.L. — Associate Professor of Philosophy

A. B., Loyola University, 1930; A. M., St. Louis University, 1934; Ph. L., St. Louis University, 1938; S.T.L., St. Mary's College, 1943.

Instructor in English, Spring Hill College, 1935-1937; Instructor in English, Grand Coteau, 1943-1944; Assistant Professor of English, Spring Hill College, 1944-1946; Assistant Professor of Philosophy, Loyola University, 1946-1950; Associate Professor, ibid., 1950—.

Membership in Learned Societies: Catholic Philosophical Association.

Major Field of Research: English, Philosophy.

Rev. Thomas F. Maher, S.J., A.M. — Associate Professor of English and Theology

A.B., Gonzaga University, 1924; A.M., ibid., 1925.

Instructor, Jesuit High School of Tampa, 1925-1926; Instructor, Jesuit High School of New Orleans, 1926-1928; Instructor, St. John's College, 1933-1937; Instructor of English, Loyola University, 1937-1942; Assistant Professor, ibid., 1942-46; Associate Professor of English and Theology, ibid., 1946—.

Membership in Learned Societies: National Association of Teachers of Speech; Southern Association of Teachers of Speech.

Major Field of Research: English.

José O. Monasterio, C.E. — Associate Professor Emeritus of Mathematics

C.E., Chapultepec Military Academy, 1903.

Membership in Learned Societies: American Mathematical Society; American Society for the Advancement of Science; New Orleans Academy of Sciences.

Major Field of Research: Mathematics.

Andrew L. Romeo, A.M., Ph.D. Associate Professor of French and Spanish

A. B., Tulane University, 1934; A. M., ibid., 1936; Ph. D., ibid., 1950.

Instructor in Latin, Fortier High School, 1935-1943; Research Supervisor, Orleans Parish School Board, 1943-1946; Assistant Professor of French and Spanish, Loyola University, 1946-1949; Associate Professor of French and Spanish, 1949—.

Membership in Learned Societies: Phi Beta Kappa; Phi Sigma Iota; South Central Modern Language Association.

Major Fields of Research: Medieval Spanish Linguistics and Latin-American Spanish.

John D. Schneidau, Jr., M.S. Associate Professor of Biology

B.S., Loyola University, 1938; M.S., Tulane University, 1940.

Graduate Assistant in Botany at Tulane, 1938-1940; Instructor, Loyola University, 1945-47; Assistant Professor, ibid., 1947-52; Associate Professor, 1952—.

Membership in Learned Societies: New Orleans Academy of Sciences, New Orleans Botanical Society; Beta Mu, Tulane Honorary Biology Society; Theta Beta, National Honor Biology Society; Society of American Bacteriologists; American Association for the Advancement of Science.

Major Field of Research: Medical Mycology.

Rev. Edward W. Shields, S.J., A.M., S.T.L. Associate Professor of Philosophy

A.B., Gonzaga University, 1929; A.M., ibid, 1930; S.T.L., St. Mary's College of St. Louis University, 1941.

Instructor, Jesuit High School, 1930-1934; Instructor of Philosophy, Loyola University, 1939-1942; Assistant Professor, ibid., 1942-47; Associate Professor, ibid., 1947—.

Membership in Learned Society: Catholic Philosophical Association.

Major Field of Research: Philosophy.

Isabel Snyder, A.M. Associate Professor of Spanish

Diploma, New Orleans Normal, 1923; Ph. B., Loyola University, 1930; A. M., ibid., 1934.

Head of the Spanish Department, Allen High and Post-Graduate School, 1930-1942; Head of the Spanish Department, Kohn High School, 1942-1945; Instructor in Spanish, Loyola University, 1933-1946; Assistant Professor of Spanish, ibid., 1946-1948; Associate Professor of Spanish, ibid., 1949—. Carnegie Grantee for research in Spain, 1949.

Membership in Learned Societies: American Association of Teachers of Spanish and Portuguese (Founding Member of Galvez Chapter); Instituto International de Literatura Iberoamericana; Phi Sigma Iota; South Central Modern Language Association.

Major Field of Research: The Drama of Eduardo Marquina.

Rev. Louis G. Soniat, S.J., A.M., Associate Professor of Theology and Acting Chairman of the Department

A.B., Gonzaga University, 1925; A.M., ibid., 1926.

Instructor in English, University of Tientsin, China, 1928-1930; Assistant Professor of French, Loyola University, 1935-1942; Associate Professor, ibid., 1942—51; Associate Professor of Theology, ibid., 1951—.

Major Field of Research: French.

Lawrence J. Strohmeyer, M.S. Associate Professor of Physics

B.S., Loyola University, 1938; M.S., New York University, 1940.

Graduate Assistant, New York University, 1938-1941; Instructor of Physics, Loyola University, 1941-1944; Assistant Professor, ibid., 1944-48; Associate Professor, ibid., 1948—.

Membership in Learned Societies: American Physical Society; New Orleans Academy of Sciences; American Association for the Advancement of Science; American Association of Physics Teachers.

Major Field of Research: Electronics.

Joseph Michael Paul Walsh, S.J., A.M.
Associate Professor of Philosophy

B. S. in Commerce, Spring Hill College, Mobile, Ala., 1932; A. M., Gonzaga University, Spokane, Wash.; S.T.L., St. Louis University, 1946.

Assistant Principal, Jesuit High School, 1939-40; Professor of Languages, Jesuit High School, 1940-1941; Dean of Men and Associate Professor of Philosophy, Spring Hill College, Mobile.

Major Field of Research: Philosophy.

Francis A. Young, A.M. Associate Professor of French and Spanish

A. B., University of Detroit, 1925; A. M., Western Reserve University, 1937.

Head of Department of Modern Languages, Instructor in History and Latin, St. John's University High, Toledo, 1929-1936; Head of Departments of Spanish and German, Instructor in French, John Carroll University, 1936-1939; Head of Spanish Department, Instructor in Economic Geography, Senior High School, Alliance, Ohio, 1941-1943; Supervisor of Spanish, Night Division, Fenn College, Instructor in English, German and Spanish, Cathedral High School, Cleveland, 1943-1945; Assistant Professor of French and Spanish, Loyola University, 1946-1947; Associate Professor of French and Spanish, ibid., 1947—.

Membership in Learned Societies: American Association of University Professors; American Association of Teachers of Spanish and Portuguese; American Federation of Teachers of French (Founding Member of Northern Ohio Chapter); Athenee Louisiannais; Schoolmasters Club (Alliance); South Central Modern Language Association.

Major Field of Research: French Linguistics.

Andree de Chateauneuf Heller — Assistant Professor of French and Spanish

Diplôme de Professeur de Français à l'Etranger, University of Paris, 1922; B. M., New Orleans Conservatory of Music and Dramatic Art, 1926.

Instructor in Music, New Orleans Conservatory of Music and Dramatic Art (Loyola School of Music), 1926-1935; Instructor in French and Spanish, Louise S. McGehee School, 1926-1946; Instructor in French and Spanish, Loyola University, 1947-1948; Assistant Professor of French and Spanish, ibid., 1948—.

Membership in Learned Societies: American Association of Teachers of French, Athénée Louisianais, France-Amérique de la Louisiane.

Major Field of Research: French Literature.

Homer R. Jolley, S.J., A.M., M.S., S.T.L., Ph.D.
Assistant Professor of Chemistry

A.B., Gonzaga University, 1938; A.M., ibid., 1939; M.S., Fordham University, 1942; S.T.L., St. Louis University, 1945; Ph.D., Princeton University, 1951.

Instructor of Chemistry, Spring Hill College, 1939-40; Assistant Instructor, Princeton University, 1948-49; Research, Allied Chemical and Dye Company Fellow, 1938-50; Fulbright Scholar, University of Nottingham, England, 1950-51; Assistant Professor of Chemistry, Loyola University, 1951—.

Membership in Learned Societies: Sigma Xi; American Chemical Society; Faraday Society Fellow, Chemical Society (London).

Major Field of Research: Physical Chemistry.

Julian G. Michel, A.M., D.U.P. — Assistant Professor of French

A. B., Loyola University, 1937; A. M., Tulane University, 1946; Docteur de l'Université de Paris, 1951.

Instructor in French and History, Warren Easton High School, 1938-1945; Instructor in English and French, Maybin High School, 1945-1946; Instructor in English, Brown University, summer, 1946; Instructor in French, Loyola University, summers, 1940 and 1941, 1946-1949; Assistant Professor of French, ibid., 1949—. Fulbright Grantee, University of Paris, 1949-1951; Acting Chairman of the Department of Modern Languages, Loyola University, 1951-52.

Membership in Learned Societies: Les Historiens de l'Humanisme (University of Paris); Philological Society (Tulane University); South Central Modern Language Association; Alpha Sigma Nu; Phi Sigma Iota; Les Amis de la Bibliothèque Nationale.

Major Field of Research: French Humanism of the Sixteenth Century.

J. Edward Muldrey, M.S. — Assistant Professor of Chemistry

B. S., Loyola University, 1940; M.S., University of Detroit, 1948. Graduate Assistant, University of Detroit, 1940-41; Instructor, Loyola University, 1946-47; Instructor, University of Detroit, 1947-1948; Assistant Professor, 1948—.

Membership in Learned Societies; Delta Epsilon Sigma; Alpha Sigma Nu; American Chemical Society.

Major Field of Research: Biochemistry.

Rev. John H. Mullahy, S.J., Ph.D.
Assistant Professor of Biology

B.S., Spring Hill College, 1939; M.S., Fordham, 1942; Ph.D., Vanderbilt, 1951; Fulbright Scholar, Manchester, England, 1951-52.

Membership in Learned Societies: American Association for Advancement of Science; Beta Beta Beta.

Major Field of Research: Genetics.

Leo Edward O'Flaherty, A.M. Assistant Professor of Spanish

A. B., St. Mary's Seminary, Perryville, Mo.; A. M., Tulane University, 1951.

Instructor, Loyola University, 1947-1951; Assistant Professor, ibid., 1951—.

Membership in Learned Societies: American Association of Teachers of Spanish and Portuguese; Phi Sigma Iota.

Major Field of Research: Philology of Spanish and Italian language.

Robert Y. Zachary, A.M. Assistant Professor of English

A. B., Georgetown University, 1943; A. M., The George Washington University, 1949.

Instructor in English, The George Washington University, 1946-47; Instructor in American Literature, Fishburne Military School, 1948-49; Instructor in English, Loyola University, 1949-51; Assistant Professor, ibid., 1951—.

Major Field of Research: Modern poetry and criticism.

M. Althea Barlow, B.S. in M.T., M.T.
Instructor of Medical Technology

B.S., Loyola University, 1949, in Medical Technology; Registered Medical Technician, American Society of Clinical Pathologists, 1950—.

Student Laboratory Assistant in Biology and Medical Technology, Loyola University, 1946-48; Medical Technologist, The Baton Rouge Clinic, 1949; Medical Technologist, St. Joseph Hospital, Fort Worth, Texas, 1950; Medical Technologist, Department of Hematology, Touro Infirmary, New Orleans, La., 1950-51; Medical Technologist, U. S. Public Health Service Hospital, 1951; Technician, Dr. John R. Potter, M.D., 1951—; Instructor of Medical Technology, Loyola University, 1952—.

Membership in Learned Societies: Beta Epsilon Upsilon, National Honorary Medical Technology Society; Theta Beta, National Honor Biology Society; New Orleans Society of Medical Technologists; Louisiana Society of Medical Technologists; American Society of Medical Technologists.

Major Field of Research: Hematology.

Lloyd G. Burkenstock, Jr. Instructor of Biology

B.S., Loyola University, 1949.

Student Instructor in Biology, Loyola University, 1947-49; Research at U. S. Department of Agriculture, Southern Regional Research Laboratory, New Orleans, Louisiana, 1949-50; Research Assistant, Tulane University, 1950—; Instructor in Biology, Loyola University, 1951—.

Membership in Learned Societies: Theta Beta, National Honorary Biological Society; Blue Key National Honor Service Fraternity; Agramonte, Pre-Medical Society; American Chemical Society; American Pharmaceutical Association; Alpha Pi Omega, Service Fraternity, Pegasus, Fine Arts Society; Beggars, Social Fraternity.

Major Field of Research: Cancer.

Rev. Harold L. Cooper, S.J., S.T.L. Instructor of Theology

A.B., Spring Hill College, 1952; S.T.L., St. Louis University, 1950.

Instructor, Jesuit High School, Dallas, Texas, 1943-46; Instructor, Spring Hill College, 1949-50; Instructor, Loyola University, 1951—; Student Counsellor, ibid., 1952—.

Major Field of Research: Student Counselling.

Lucien C. Delery, M.D. Instructor of Medical Technology

B.S., Loyola University, 1935; B.M., Louisiana State University, 1938; M.D., ibid, 1939.

Instructor of Medical Technology, Loyola University, 1941—.

Membership in Learned Societies: Beta Zeta Chapter, Phi Beta Pi; Orleans Parish Medical Society; Louisiana State Medical Society; American Medical Association; Secretary of Staff of French Hospital, 1941-1942; Theta Beta, National Honor Biology Society; Fellow of the Gorgas Society, Louisiana State University, 1936.

Major Field of Research: Medicine.

Anna Josephine Harnan, M.T. Instructor of Hospital Training

Professional studies — Louisiana State University; Registered Medical Technologist, American Society of Clinical Pathologists, 1938—.

Second Laboratory Technician in New Orleans, associated with Dr. C. C. Bass, 1913-14; Laboratory Technician—Dr. George K. Pratt, Jr., 1914-1933; Medical Technician, City of New Orleans, 1934-1938; Medical Technician, U. S. Public Health Hospital, 1938—; Supervisor of Blood Bank, ibid., 1942—; Supervisor of School of Medical Technicians, ibid, 1946—. Instructor of Hospital Training, Loyola University, 1946—.

Membership in Learned Societies; New Orleans Society Medical Technicians, 1930—; Louisiana Society of Medical Technologists (President, 1951-52, and past Secretary) 1944—.

Motie Jean Crump Longo, B.S. in M.T., M.T.
Instructor of Biology and Medical Technology

B.S. in Medical Technology, Loyola University, 1949; Registered Medical Technician, American Society of Clinical Pathologists, 1950—.

Student Laboratory Assistant in Biology and Medical Technology, Loyola University, 1946-49; Part-time Medical Technologist, de la Houssaye Clinic, 1949; Medical and X-Ray Technician, Children's Clinic, 1949-51; Instructor of Parasitology and Micro-Technique, Evening Division, Loyola University, 1950-51; Instructor of Medical Technology and Biology, Loyola University, 1951—; Technician in Charge of Laboratories, 1952—; Certification Course in Parasitology, 1952.

Membership in Learned Societies: New Orleans Society of Medical Technologists; Beta Epsilon Upsilon; National Honor Medical Technology Society; Theta Beta National Honor Biology Society.

Major Field of Research: Parasitology.

Elizabeth Norsworthy, B.S., M.T. Instructor of Hospital Training.

B. S., Louisiana State University, 1933; Registered Medical Technician American Society of Clinical Pathologists, 1944; Instructor of Medical Technologists, Touro Infirmary, Sept. 1942—; Instructor of Hospital Training, Loyola University, 1946—.

Learned Societies: American Society of Medical Technology; Louisiana State Society Medical Technology.

George F. Reinecke, A.M. Instructor of English

A. B., Loyola University, 1943; A. M., Tulane University, 1951; Ph. D., Candidate, Harvard University.

Instructor of English, Loyola University, 1943—.

Membership in Learned Societies: South-Central Modern Language Association, Delta Epsilon Sigma.

Major Field of Research: Medieval Literature; Phonetics.

Lawrence D. Kavanagh, M.D. University Physician

B.S., Loyola University, 1939; M.D., Louisiana State University, 1947; Resident Surgeon, Hotel Dieu, 1948-1951; Lecturer in Surgery, Hotel Dieu School of Nursing, 1950—; Visiting Surgeon, Hotel Dieu, 1951—; University Physician, Loyola University, 1952—.

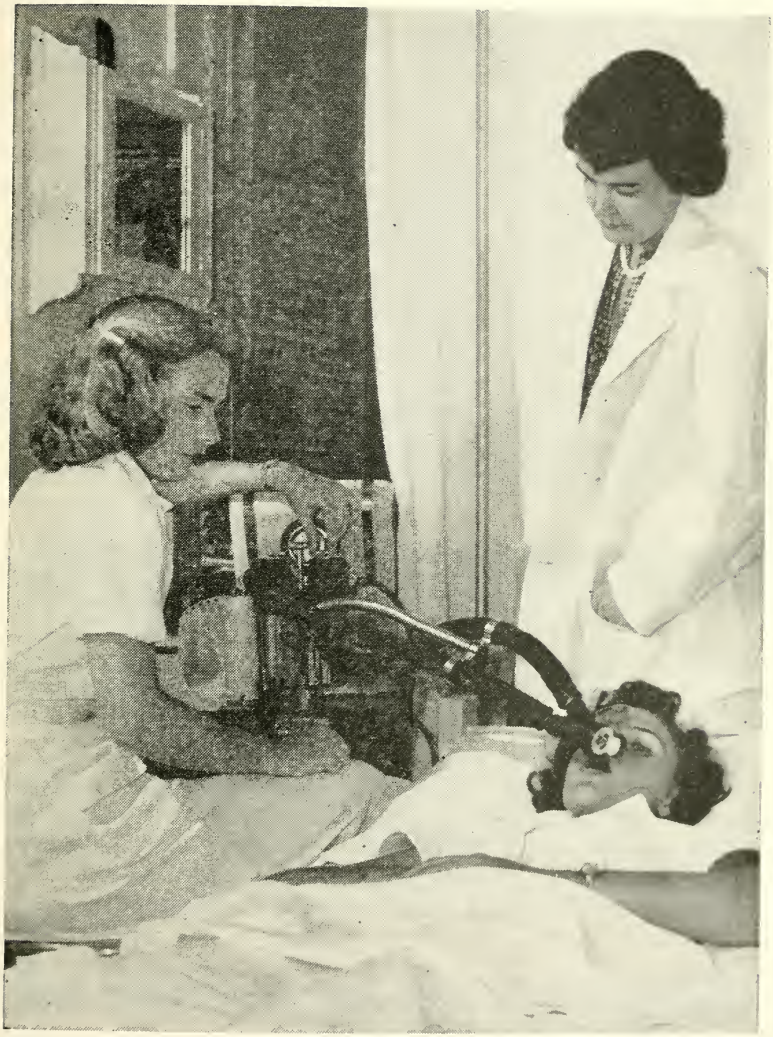
Membership in Learned Societies: Alpha Sigma Nu; Orleans Parish Medical Society; Louisiana State Medical Society; American Medical Association; Fellow of the Gorgas Society, Louisiana State University; Fellow of the Louisiana State University Medical Society; Fellow of the Louisiana State University Surgical Society; Staff of Hotel Dieu.

Major Field of Research: Surgery.

Mary H. Sides Secretary of the Department

Certificate, Roseboom's Business College, Houston, Texas, 1932.

Secretary, United Fruit Company, 1941-49; Secretary, Department of Chemistry, Tulane University, 1949-50; Secretary, Departments of Biology and Medical Technology, 1950—.



Faculty Doctor Observing Basal Metabolism Test

GENERAL STATEMENT

History The Department of Medical Technology was founded September 15, 1935. On August 29, 1936, the Department was accredited by the Council on Medical Education and Hospitals of the American Medical Association, and by the Board of Registry of the American Society of Clinical Pathologists. In March, 1942, as a matter of national policy, accreditation was transferred from the various colleges and universities to the affiliated hospital training schools where the practical clinical laboratory training is received. Through its fully accredited affiliated hospital training schools at Hotel Dieu, Touro Infirmary, United States Public Health Hospital, Sara Mayo Hospital and Mercy Hospital, the Loyola University Department of Medical Technology provides the fullest opportunity for complete and thorough training in the theoretical and practical aspects of clinical laboratory work, as well as a well-rounded University course leading to the degree of Bachelor of Science in Medical Technology.

Jesuit System of Education Jesuit universities and colleges are unique in their characteristic educational methods. Theirs is a system of education based on the best traditions, the experience, and the research of the better educators in many countries through many centuries. The fundamentals of this system are embodied in a collection of pedagogical principles and practices known as the *Ratio Studiorum.*

This system is distinctive in its aim and objective as well as in its method of approach. Thoroughly convinced that religion is not an appendage to education, but a very vital part of the training of the student and of the subject-matter of his courses, the Jesuits always have held as the goal of education the blending of the supernatural with the natural. Their purpose has been to educate the whole man, seeking to develop his moral character as well as his mind, his soul as well as his body; believing that a true, cultured citizen of any state must be loyal to his God, his church, and his country.

As college life is the field in which youth with energy and initiative seeks to prepare itself for life's struggles, literature and science are studied in the light of an all-embracing philosophy which unifies knowledge and motivates action. The system is opposed to the pedagogical errors of undigested cramming, uncorrelated electives, over-specialization. The formation of habits of study, reading, and research, of quick thinking and

exact expression is characteristic of their aim. Personal contact with the professors, whose example, taste, and experience are often a more potent factor of education than the professional lecture, is a vital part of the system.

Jesuit education prepares its students for eternity as well as for time; for life as well as for vocation.

Location The Department of Medical Technology is located on the Campus of Loyola University, which is situated at 6363 St. Charles Avenue, in the heart of the residential section.

Student Housing Dormitory facilities are not available at the University. The University maintains, but does not supervise, a limited number of rooming houses for male students. Students may board and lodge only at rooming houses approved by the University authorities. Names and locations of such approved and inspected houses will be furnished by the Assistant Dean. Meals may be obtained at the University Cafeteria.

Student Organizations To encourage the more ambitious student and to honor him, there are various societies and fraternities.

Sodality of the Blessed Virgin Mary For the purpose of fostering religious faith and fervor, and to encourage ambitious students to spiritual and scholastic leadership, the University Sodality offers many opportunities for personal development, as well as training and practice in social work and religious activity. Weekly meetings are held for the discussion of phases of Catholic life, and bi-weekly the Sodality gathers in the Louise Thomas Memorial Chapel to recite the office of the Immaculate Conception and receive Holy Communion in a body.

Student Council The Student Council consists of eighteen members, representing the College of Arts and Sciences, the Schools of Law and Dentistry, and the Colleges of Pharmacy and Music. These members, students, are selected by the student body, with the approval of the Faculty, from each of these groups. The duty of the Council is to unify student thought and action. It conducts general meetings and elections, sponsors and manages interclass contests, helps the student publications, and leads and directs student activities.

Debating Club Students participate weekly in exercises of public speaking. To further this activity among the students and to develop special oratorical talent, a Debating Club has been formed, which conducts debates with colleges and universities in various sections of the country.

Thespian and Literary Society The purposes of the Thespians are to develop and give an outlet to the dramatic talent of the students. With this object in view, several plays are given during the year.

Glee Club The Loyola Glee Club takes an active part in the public entertainments and assemblies of the university, and has a schedule of concerts it gives each year for public receptions and for radio programs over the Loyola Broadcasting Station, WWL.

University Band Membership in the University Band is open to all students who have the required training and ability. All who become members are expected to be regular and prompt in attendance at the appointed rehearsals.

Student Publications The students of the University, under Faculty supervision, publish the *Maroon*, a weekly, the editor of which is appointed by the Faculty Committee on Student Publications, and he in turn appoints the editorial staffs. The business management is in the hands of the students. Thus, their various duties in the editorial, reportorial, advertising and subscription departments render them familiar with phases of life outside of college that will be of benefit to them in their future careers.

Scientific Societies and Fraternities The Biology, Chemistry, Physics, and Mathematics Societies meet regularly for the discussion of special problems and for special lectures on scientific subjects. Students are eligible to membership in these societies subject to the special requirements for admission to each respective society.

Medical Technology students are also eligible to membership in the honorary and the Greek letter fraternities that are active on the campus, such as Blue Key, Alpha Sigma Nu, Upsilon Beta Lambda, Alpha Delta Gamma, Sigma Alpha Kappa, Theta Beta, Beta Epsilon Upsilon, Lambda Sigma Lambda, Alpha Pi Omicron, and Delta Epsilon Sigma.

R.O.T.C. Unit The War Department maintains a Senior Division of the R.O.T.C. at Loyola University of the South, which is classified as a CC (Civilian College) institution. The mission of the Reserve Officers Training Corps is to produce junior officers who have the qualities and attributes essential to their progressive and continued development as officers in the Army of the United States. The Military Department of Loyola University of the South places special emphasis upon "Leadership" to assist Loyola men in meeting any situation in life with success and honor. **Enrollment in the R.O.T.C. Unit is obligatory for all male freshmen and sophomores in the College of Arts and Sciences.**

Bequests and Gifts Because of its rapid growth the University must look to its friends and benefactors, and to all those whose bounty is being devoted to the cause of higher education, for the generous contributions which will enable the University to continue its building program. The University hopes for a continuance of financial as well as moral support from those who believe in placing college education within the reach of every deserving student, and who consider that education the safest and best which postulates as the foundation of its intellectual development the formation of character through moral and religious education.

The University cherishes the memory of all its benefactors, great and small. These share in the good works and prayers of the Jesuits of Loyola. Their generous assistance to the University, according to their means, will be remembered long after they are gone.

Among the distinguished benefactors of the University should be mentioned: Miss Sarah Babb, Mr. and Mrs. E. J. Bobet, Mrs. Paul Bordenave, Hon. Joseph A. Breaux, Mr. Otto F. Briede, Jr., Mr. Joseph P. Buckley, Mr. and Mrs. Wm. P. Burke, Miss Leonora Del Bondio, Mr. Lawrence Fabacher, Mr. Edward Fassmann, Miss Mary Ferguson, Mr. Bernard Ghio, K. of St. G., Mr. G. R. Katz, Miss Mary Agnes McCabe, Miss Katherine McDermott, Mr. Edgar Murray, Mrs. J. B. Palmer, Mrs. Emma P. Quintero, Mrs. Louise Joute Rabouin, Mrs. Isabelle Melancon Scudder, Mrs. Olive Stallings, Mrs. George Swarbrick, Mrs. S. O. Thomas, Mr. and Mrs. W. J. Vincent, Miss Lilly Whitaker.

Those who are desirous of helping Loyola University in its sublime mission of higher education by erecting buildings as

family memorials, or by endowing departments or lecture-chairs in any of its schools or colleges, are requested to make their donations, legacies and bequests in the proper legal form, as shown on the inside back cover of this Bulletin. One may specify the purpose for which the gift is to be used. This intention will be observed scrupulously. It is well to state whether the sum is for building and equipment or for endowment, as the latter must be invested and only the accruing interest may be used.

ENTRANCE PROCEDURE

Application For Admission Applicants for admission to the Freshman class must meet the requirements stated below under Methods of Admission. The specific units of credit that are required and other units that may be presented for admission to the Freshman class are listed under Admission Requirements.

Application for admission accompanied by proper credentials must be filed with the Registrar before August 1 for September admission, and before January 1 for February admission. Applications received after these dates will be considered only if student quotas have not been filled.

Applicants for admission as Freshmen, or with advanced standing, must submit official records from all schools and colleges attended. These credentials are to be sent directly by the proper officer of the school or college in which they were earned and not through the student. Credentials which are submitted for admission become the property of the University, even in the case of applicants to whom admission is denied, and are kept permanently on file. Blank forms for transcripts of records may be had on application to the Registrar.

It is recommended that applicants have their credentials sent to the Registrar immediately after the first term of the senior year. These credentials should include the past scholastic record, together with a list of courses in progress during the second term of the senior year and the applicant's rank in class. This will enable the Committee on Admissions to grant tentative admission pending receipt of complete and final records which should be sent to the Registrar by the high school principal immediately after graduation from high school.

The University reserves the right to refuse admission to applicants whose previous work is of such a grade as to create a doubt regarding their ability to pursue successfully their scholastic work in the University.

All students are expected to be matriculated before the beginning of the session's classes, thus allowing them ample time to be assigned to classes and to be provided with laboratory equipment.

Students should be present on the opening day of classes. They will not be admitted after the first ten class days. Freshmen must be present on the opening day of Freshman Orientation Week.

The University is not co-educational in all departments. Admission of girls to the College of Arts and Sciences full-time courses is restricted to the courses in Medical Technology and Teacher Training. Girls will not be admitted as candidates for the other degree programs in the College of Arts and Sciences. This restriction does not apply to part-time Courses.

Methods of Admission *I. As a Regular Student*—Admission as a *matriculated student to the College of Arts and Sciences may be obtained by one of the followings methods: (1) by certificate or diploma of graduation from an approved high school; (2) by examination; (3) by transfer from another institution of higher education.

Admission by Certificate—Admission without examination is granted to students who have graduated with a minimum of fifteen acceptable units from any high school accredited by a recognized standardizing agency, or by the State Board of Education, or by the State University of the State in which the high school is situated. The application for admission must be accompanied by a certificate from the high school showing the quantity and quality of work accomplished by the applicant and giving information about his personality, character, and health.

Applicants graduating from the lower third of senior year in high school who have the minimum units stated above will be admitted on probation for one semester, and their continuance in the College of Arts and Sciences will depend upon the quality of work accomplished during this first semester of their freshman year.

* A matriculated student is one who has fulfilled all entrance requirements, paid all fees that are due, and is pursuing regular courses leading to a degree.

Admission by Examination—An applicant who is not entitled to enter by certificate, as stated above, may be admitted on the basis of a general intelligence test. Applications for these examinations should be made to the Registrar of the University at least two weeks in advance.

Admission to Advanced Standing—Advanced standing will be given, at the discretion of the Committee on Admission and classification, to an applicant who has fulfilled the high school requirements for admission and in addition presents a transcript of college credits certified by the proper official of the college or university attended showing all the scholastic work done in that institution and in all other institutions of collegiate rank previously attended, and giving the student honorable dismissal. Credits presented from a non-accredited institution will be accepted rarely, at the discretion of the Committee on Admission and Classification, and only if the student has made satisfactory grades in his first semester's work at Loyola University College of Arts and Sciences. *No transfer student will be accepted unless he has attained a "C" average for all hours attempted during the preceding year at the college from which he transfers, has a general "C" average for all hours attempted previously in college, and no faculty action has been taken against him.* Credits presented for work done by correspondence will not be accepted.

II. As a Special Student—A limited number of mature persons who are not eligible for admission into the University by certificate may be admitted as special students under the following conditions: (1) they must be at least twenty-one years of age; (2) they must not have been in attendance in high school during the previous year; (3) they are to present all available certified credits of previous school work, together with formal application for admission as special students, stating the subject courses desired and the reasons for desiring those courses. When no certified credits can be presented, the applicant must furnish a detailed statement of all previous educational work and practical experience.

By virtue of his classification, a special student is not eligible for any degree nor is his college work accredited until he successfully completes entrance examinations. He may ultimately become a candidate for a degree by completing by entrance examinations the admission requirements of the department in which he wishes to register. Upon successful completion of entrance examinations, his previous college work is accredited.

Registration as a special student is for one semester only.

Registration for a following semester will be refused if the student has not shown satisfactory earnestness and definiteness of purpose, or if his work has not been satifactory in the preceding semester. No one may register in the University as a special student for more than two years.

Admission Requirements For admission to the College of Arts and Sciences at least fifteen acceptable high school units are required. In general, these units should show several sequences of subject-matter adapted to the course to which admission is sought. *Students in the lower third of the graduating class may be admitted on probation.*

1. All students must present the following units.

	Units
*English	4
History, Civics	2
Algebra	1
Plane Geometry	1
**Latin or Modern Foreign Language	2
Science	1

2. In general, only three units will be accepted from the following group.

	Units		Units
Bookkeeping	1	Economics	½ - 1
Commercial Law	½ - 1	Music	1
Commercial Geography	1	Shop Work	1
Drawing — Mechanical	1	Stenography	½
Drawing — Freehand	1	Typewriting	½

3. A student may not register for a subject course which presupposes specific high school preparation, unless he has completed such preparation. Any deficiency in such preparation will make it necessary for him to take those basic courses which the University judges advisable. Credit for that work may or may not be allowed, according to the circumstances of the case.

Student Fees Fees are paid in two installments during each semester of the scholastic year. During the Fall Semester, 1951, the first installment is due on the date of registration, the second on December 1st. During the Spring Semester, 1952, the first installment is due on the date of registration, the second on April 15th. *Any other arrangement for payment must be made before the completion of registration with the Treasurer of the University.*

* One unit in English may be replaced by a unit in Speech or Journalism.
** These units may be waived and supplied by scheduling Elementary Language Courses in College.

The following are the fees in the College of Arts and Sciences:

For full time students

Tuition and basic fees (per semester)	$225.00
Matriculation fee	5.00
Late registration fee (per semester)	5.00
Graduate Record Examination	3.00
Graduation (fee)	25.00
Cap and gown deposit (refundable)	30.00
Conditional examination	2.00
Late examination	2.00
Transcript (after first)	1.00
Locker (rental per semester)	1.00
R. O. T. C. Deposit	20.00

The basic Fee includes registration, tuition, library, laboratory, subscription to the Maroon and Wolf, athletics, forum, physical education, and certain other student activities.

The Matriculation Fee is charged only at the time of a student's first registration in the College of Arts and Sciences.

The Graduation Fee and the Cap and Gown Deposit are paid by Seniors one month before graduation. The full deposit will be refunded provided the cap and gown are returned in good condition immediately after graduation. If they are returned more than two months after graduation, only $10.00 will be refunded.

The Late Examination fee will be charged for any examination taken later than the assigned date, no matter what the excuse. Except for sickness, no late examination will be given unless permission is obtained from the Assistant Dean prior to the regularly scheduled examination.

Students will be taxed for excessive breakage or destruction of University property. The decision covering each case will be made by the University.

Until a student's indebtedness is paid in full, no transcript of credits or record of his work will be released from the University.

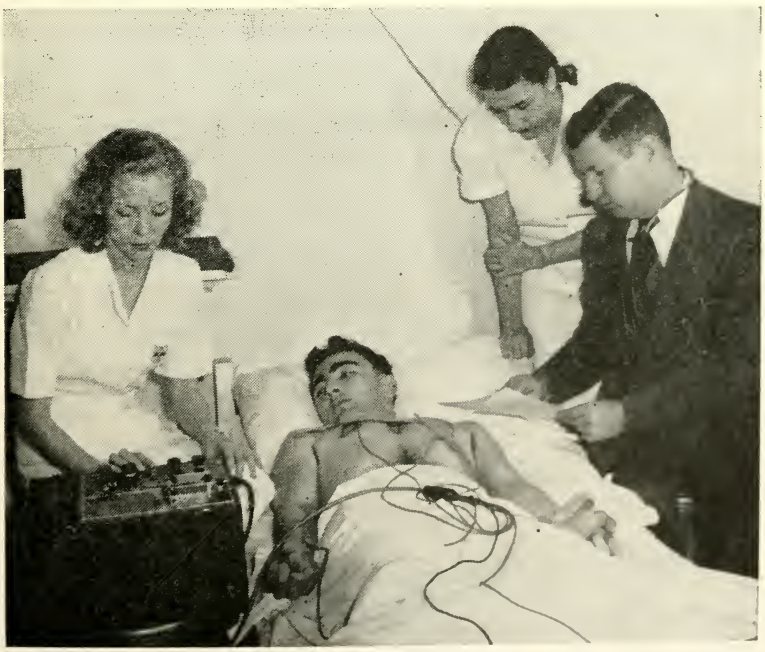
Refund Policy It is the sole duty of the individual student, in case of interruption of courses, to make formal application to the Registrar's office for refunds, which will be made as follows:

Within first week of semester.....80%
One week to three weeks of semester.....60%
Three weeks to five weeks of semester.....40%
No refund after five weeks.

No refunds are made when a student is suspended, dismissed for disciplinary reasons, or fails to pass in prescribed or elected courses. *Refund policy applies on basic fee only.*

Special consideration regarding refunds will be given to students either voluntarily entering the Armed Services or being drafted.

Student Loans. The Kellogg Foundation has made available to Medical Technology students a number of student loans. The loans may be in any amount up to $300.00 in any one year. The loans carry a very low rate of interest, and amortization of the principal need not begin until one year after graduation. Payments on the principal are spread over a four year period.



Faculty Doctor Supervising Electrocardiograph Test

ADMINISTRATIVE PROCEDURE

Termination of the Accelerated Program Because the various departments of Defense have publicly acknowledged that their quota of military personnel can be adequately filled under present Selective Service Legislation without recourse to accelerated courses of instruction in institutions of higher education, and because the present deferment system of Selective Service has proved an adequate protection to the interests of college students in their efforts to complete their college education before assuming their patriotic duty in the continuing national emergency, it has been decided to discontinue the accelerated program of studies instituted by the University on June 8, 1951.

In accordance with the announcement published in the Loyola University Bulletin, Vol. XXIV, No. 1 (March, 1952), page 11, the accelerated program of studies terminates on August 29, 1952.

Registration Procedure Prior to registration a record of all previous work done in high school or college should be on file in the Office of the Registrar. Students registered for a degree in other approved institutions need not file entrance credentials unless they are applying to transfer to Loyola. Satisfactory proof, however, of good standing in those institutions should be presented together with a letter from their Dean approving the courses they intend to schedule.

Students must register within the prescribed time at the beginning of each semester before being permitted to advance in course. The following major steps are listed to assist registrants through the process:

1. Within the period designated for registration the registrants should report to the Registrar's Office to obtain registration cards.

2. Registrants should then obtain approval of their schedule of courses in consultation with their adviser and departmental chairman, fill out the registration cards, and deposit the registration data with their adviser or chairman.

3. The registration data will be submitted to the Dean by the respective departmental chairmen. This data will be checked and returned to the Registrar by the Dean.

4. On the date designated in each semester the registrant will call for the registration cards at the Registrar's Office.

5. To complete registration, the registrant must present the registration cards to the Finance Office and settle his account. Any student failing to settle his account with the Finance Officer later than five days after the beginning of classes will not be admitted to any subsequent class.

The College Year Instruction begins in the second week of September on the day specified in the Calendar. Instruction includes thirty-four weeks divided into two semesters of seventeen weeks each. There is a recess at Christmas and at Easter. Instruction is suspended on legal holidays and on holy days of obligation observed in the Catholic Church.

Instruction The unit of instruction is one hour a week for one semester. Two hours of work in the laboratory are considered equivalent to one hour of recitation. Students may receive credit only for the number of hours published with a course. No credit will be allowed for a course for which a student is not regularly registered.

Attendance as auditors is not granted to regular students without written permission of the Dean.

Withdrawals A student who withdraws from the University during a semester before taking the final examinations of the semester forfeits all credit for work done in that semester.

To obtain his honorable dismissal on withdrawing from the University, the student must obtain from the Dean a written permission for such withdrawal, which must be presented to the Registrar. This written permission will not be given if the student has not met all financial obligations to the University, or if he is under any official censure, or if there is any official charge pending against him.

A student desiring to withdraw from a scheduled course or to add another course after his semester's schedule has been filed in the Registrar's office may do so only after having obtained written permission from the Dean. Permission to add a course or to change from one section of a course to another

will not be granted after the date indicated in the Session Calendar as the last day for schedule adjustments.

In the case of a student who is called to active duty in any branch of the armed services before the date for final examinations in the semester, the following exceptions to the normal regulations have been made:

1. Should a second semester senior be called to military service within six weeks of the date of commencement exercises, he will have the dates of his final examinations advanced; and if he passes successfully, he will be granted full credit and his degree.
2. A senior in his first semester, or a junior, sophomore, or freshman in either semester who is called into military service within four weeks of the end of the semester will have his examination dates advanced; and, if he passes successfully, be granted full credit for the semester.
3. Any student who has completed his mid-semester requirements but who is not eligible for full credit as stated above will be granted one-half of the credits for the courses in which he has successfully completed his mid-semester examinations.
4. A notation of the action taken by the University in accordance with the provisions made above will be made on the records and transcripts of the students who have received full credit under these provisions.

Attendance The University is insistent on regular and punctual attendance. Each tardiness, defined as a student's failure to be present when his name is called at the beginning of each class or laboratory, will be counted as a third of an absence.

The student coming late is responsible for seeing that the instructor changes the absence noted at the beginning of the class to a tardiness.

Any student incurring more than six absences in a course which carries three or more semester hours will be dropped from the course automatically. In courses of less than three semester hours the maximum number of absences will be double the number of semester hours, e.g. in a two semester

hour course, four absences will be the maximum allowed; in a one semester hour course, two absences will be the maximum.

Students who have exceeded the maximum number of absences will have a right to petition the Committee on Attendance, if their class standing is good and a serious reason has warranted each absence.

Students petitioning reinstatement should do so within twenty-four hours after they receive notification that they have been dropped from a course. The petition must be submitted by letter to the Assistant Dean and must include the reason for each absence, giving dates, etc. While the petition is being reviewed by the Committee on Attendance the student will be permitted to attend classes on probation. The decision of the Committee on Attendance will be final.

Extended absences due to sickness must be verified by a doctor's certificate. Attendance at funerals or weddings, outside work, transportation difficulties, and the like will not be accepted as excuses for excessive absences.

Students entering class more than five minutes after the starting bell will be recorded absent.

Absences for any excuse whatever do not exempt a student from quizzes, tests, examinations, or other written work required during the period of absence. The responsibility for making up such work rests wholly upon the student. A failing grade for the omitted work will be charged against the student if he does not fulfill his obligations within the time limit determined by his professors.

Discipline The educational system of this University includes, as one of its most important features, the formation of character. It is expected that each student will be so loyal to the spirit and ideals of his Alma Mater that the exercise of proper self-control will come from his own convictions and free determination.

The College rules and regulations are meant as a guide and help to foster that gentlemanly and lady-like conduct which is presupposed in every Loyola student. These rules require regular and punctual attendance at all scheduled exercises, obedience to college customs and regulations, serious application to study, and blameless conduct. A stu-

dent who shows himself deficient in these essential points will be suspended or dismissed.

The University reserves the right to dismiss at any time a student who fails to give satisfactory evidence of earnestness of purpose and of interest primarily in the serious work of college life. Dismissal may be made without specific charges, and, in rare cases, perhaps on grounds that will seem insufficient to students and parents. The University, in these cases, holds itself to be the more capable judge of what affects the interests of the institution and the student body.

Health Each student must present himself to the Department of Health Service for a medical and dental examination at the opening of school. Record cards indicating defects, weaknesses, etc., will be kept, and the student will be advised as to the proper methods of removing these obstacles to health and improving his physical conditions.

Each student must be vaccinated before admission, unless he can furnish proof that he has been vaccinated recently.

Examinations One written test and one examination are required in each subject each semester. Weekly quizzes may be given at the discretion of the professors. The result of the examinations, combined with the grade for the student's class and laboratory work and tests, will determine the final or passing grade for the semester.

A student will not be permitted to take the semester examination in a course unless he has fulfilled the following requirements:

1. He must have taken the required mid-semester test and completed all assigned work in the course during the semester.

2. He must have made at least an average grade of "D," computed by combining in proper percentages his grades for all tests, quizzes, laboratory work, and other assigned matter.

3. He must have attended the required number of classes, lectures, and laboratory periods.

The passing grade in the Department of Medical Technology is "D." The student obtaining this grade or above receives

credit for the number of semester hours allowed for that portion of the course.

A grade of "E" represents a condition. This condition may be removed only by examination. Only one such examination is allowed, and only on the day assigned by the Dean. If the student is successful in the examination, he receives the full credit of semester hours, but the highest average allowed for his permanent record for this subject is "D." If the student fails to make a "D" in this examination, the condition becomes a failure, and the course must be repeated.

Students absent from any examination, unless for the very gravest of reasons approved by the Assistant Dean, will receive a failure grade in that course.

For each condition examination, and for each regularly scheduled examination taken out of course, a fee of $2.00 will be charged.

Grades and Reports A report of the semester grades made by a student in his scheduled subjects is sent to the student at the middle and end of each semester. Other reports will be sent by the Dean whenever he judges it advisable to do so.

Grades are reported as follows: "A," excellent; "B," very good; "C," good; "D," merely passing; "E," conditioned; "F," failed; "FE," failure because of excessive absences; "FS," failure because of pre-examination scholastic deficiency; "W," withdrew from subject course with permission; "WF," failure because of withdrawal from subject course without permission.

At the student's option and with the professor's permission, in certain two-semester courses a grade of 'I.' incomplete, may replace the 'E,' conditioned, grade at the end of the first semester. If the student does satisfactory work in the first half of the second semester, the 'I' will be converted to a 'D' for the first semester. If not, the student will be given an 'F' for the first semester and will be asked to withdraw from the course.

The semester grade in any subject is based on pre-examination work, which counts for 60% of the final grade, and the

final examination, which counts for 40% of the final grade. Pre-examination work includes a term paper of 2500 words (10%), other written assignments (10%), at least five formal quizzes (50%) and the mid-semester test (30%).

Official grades are expressed in letters, not numbers. The numerical values of the letters used are as follows: A—93 to 100; B—85 to 92; C—77 to 84; D—70 to 76; E—60 to 69; F—0 to 59.

A student must earn the right to take the semester examination in each of his scheduled subjects. To do so he must have attended the required number of class and laboratory periods in the subject, he must have submitted the required term paper, and he must have made a minimum average grade of "D" for the semester's work in the subject prior to the semester examination. This average will be computed from the grades made in the quizzes, the mid-semester test, the term paper, the laboratory work, and all other work required in that subject. A student who fails to qualify for a semester examination in a subject will be charged with a failure in that subject.

When a student, at the end of a semester, makes the passing grade of "D" or a higher grade, he is credited with the semester hours allowed for the subject course in which the grade is made. Otherwise, he is not credited with any semester hours.

When a student is conditioned in a subject course at the end of a semester, he may remove the condition by examination. Only one such examination is allowed, and only on the day assigned by the Dean. If the student is successful in the examination, he receives full credit of semester hours, but the highest grade that he is allowed is "D." If the student fails to remove the condition on the day assigned by the Dean, the condition becomes a failure. A student is not allowed to remove more than two conditions in any semester.

Repetition of Courses A student who has failed a course will be allowed to repeat that course when it is next offered. No more than two repetitions of the same course will be allowed to any student.

For repetition of courses to raise the quality of a student's work, cf. page 44, "Quality of Work."

Classification of Students Those students are ranked as Sophomores who have credit for thirty-six semester hours; Juniors, those who have seventy-two semester hours; Seniors, those who have one hundred and eight semester hours. Students not included in any of these classifications are registered either as special students or as out-of-course students.

Scholastic Standing The standing of a student is computed on all hours attempted, including elementary languages, but excluding authorized withdrawals. All attempts at a course which has been failed and repeated or which has been repeated to raise the quality of work will be counted in computing a student's scholastic standing.

Scholastic Probation and Dismissal 1. All students admitted on the basis of entrance examinations will be placed on scholastic probation for one semester.

2. Regularly matriculated students whose average is less than the allowed minimum, as indicated in the following scale, will be placed on scholastic probation for one semester:

after one semester: 0.5 quality point average;
after two semesters: 0.7 quality point average;
after three semesters: 1.0 quality point average.

If after one semester on probation, the student has not raised his average to the allowed minimum, he will be asked to withdraw from the University, but will be allowed one attempt in the summer session to qualify for re-admission.

3. Students who do not have a 1.0 general average and a 1.0 average in their major and minor fields of concentration at the end of their sophomore year must remedy their deficiencies before beginning their upper division major or minor work.

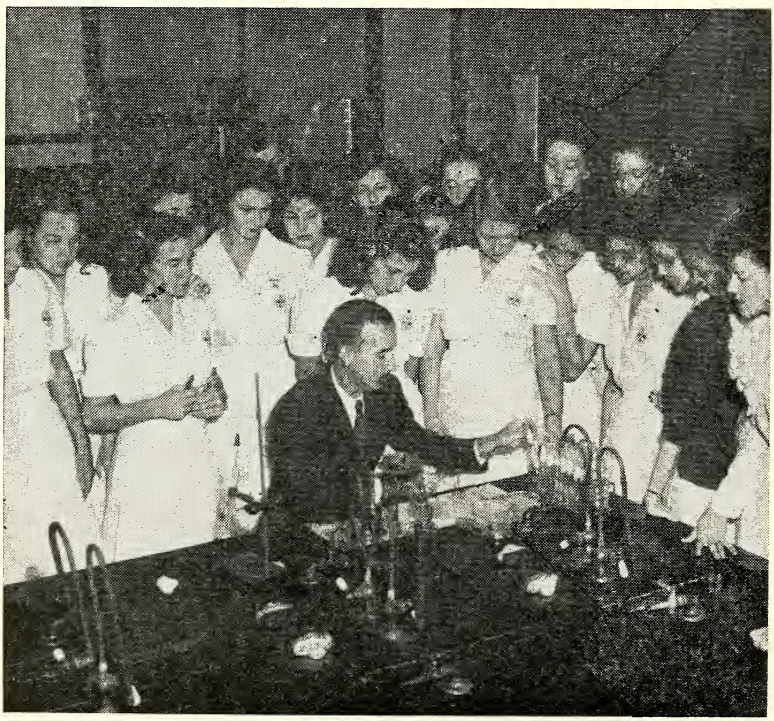
4. Students on scholastic probation will schedule no more than 16 and no less than 12 semester hours.

N.B. The quality point average is determined by dividing the total hours attempted, exclusive of failures, into the total of quality points earned. Cf. "Quality of Work," pg. 44.

Eligibility Rules Students taking part in dramatic performances, public debates, oratorical or elocution contests, or intercollegiate athletic contests, and those who are appointed to the staffs of the University publications, as well as the officers of student organizations, are subject to the following eligibility rules:

1. They must be enrolled each semester in at least twelve semester hours of work in regular or special courses as defined in the curriculum of the University.
2. They must have passed at least twelve hours of the work in which they were enrolled for the last semester in residence.
3. They must not be under official censure of any kind.

Degree Conferred The degree of Bachelor of Science in Medical Technology is conferred by the College of Arts and Sciences on the satisfactory completion of the required work in the Department of Medical Technology.



Medical Mycology Demonstration

REQUIREMENTS FOR GRADUATION

General Requirements The conditions for the Baccalaureate degree are the following:

1. The satisfactory completion of the four-year course leading to the degree for which the student is a candidate.

2. The candidate for a degree shall pass successfully a comprehensive examination in the field of Medical Technology at least two months before the date on which the degree will be conferred.

3. To be accepted for credit in fulfillment of any requirement for a degree, all work must be completed with at least the grade D, and a grade of C or better must be made each semester in every upper division subject taken by the student in each area of his field of concentration.

4. The payment of all indebtedness to the University, including the graduation fee, in advance.

5. No student shall be considered a candidate for a degree if he has any deficiencies at the beginning of the second semester of his Senior year.

6. All applicants for a degree must file in the Registrar's office, at the beginning of their Senior year, a formal application for their degree.

7. All candidates must be present at the Commencement Exercises and receive their degree in person. No excuse, except that of serious illness attested by a reputable physician, will be accepted. The University will not confer degrees *in absentia.*

I. Amount of Work To receive a Baccalaureate degree, a student is required:

1. To complete 136 semester hours of work, and to secure 136 quality points; that is, an average rating of C grade or better in all subjects. In addition to the required 136 hours, all Catholic students must take courses in Theology each semester.

2. A certain amount of prescribed work must be done. (See "Character of Work," pg. 46.)

3. In selecting the elective work, the Major and Minor requirements must be kept in mind.

4. Free electives, which afford opportunity either for broader culture or for greater specialization, as the student may choose, may be taken. It is particularly recommended that Algebra, Trigonometry, and General Physics be taken as electives.

5. All male students will be required to take physical education during their first two years at the University. Unless a male student has fulfilled the requirement in Physical Education by the beginning of his senior year, he will not be allowed to carry a schedule entitling him to graduate at the end of that scholastic year.

6. Students who wish to schedule courses at other colleges and have such courses recognized as partial fulfillment of their Degree Program at Loyola must obtain the written permission of the Dean before such courses are scheduled. Failure to obtain such written permission will render the courses unacceptable to Loyola.

II. Quality of Work A candidate for a degree must present not only the required quantity of work, but he must attain a certain standard of excellence in his work, especially in his Major Field. For this reason, the candidate for a Bachelor degree must present, in addition to the 136 semester hours of credit, 136 credit points for quality of work, or an average mark in all subjects of C or better.

Credit points are earned in the following manner: For the grade of A in a given course, the student receives *three* times as many quality points as semester hours credit allowed for that course; for a grade of B, *twice* as many quality points as semester hours; for the grade of C, *just* as many quality points as semester hours. For the grade of D, quantity points are allowed, but no quality points. For the grade of F, neither semester hours nor quality points are credited, but the semester hours are added as hours attempted in computing a student's standing and credit point ratio.

Graduation Honors Graduation honors are computed according to the quality point system. A student's graduation average is determined by dividing the total number of quality points earned by the total number of semester hours attempted by the student during his entire course. Semester hours carried include all hours attempted, excluding authorized with-

drawals, but including all attempts at a course which has been repeated in order to raise the total of quality points. A student who has made an average of 2.5 graduates *cum laude;* one who has made an average of 2.7, *magna cum laude;* one who has made an average of 2.9, *summa cum laude.* Record of these honors is inscribed on the diplomas and noted in the list of graduates published for the Commencement Exercises.

Knowledge of Regulations Every student is to acquaint himself with all the regulations of the University that pertain to him. Ignorance of a regulation is not accepted as an excuse for its violation. The regulations are to be learned from the General Bulletin of the University, the Students' Handbook, official instructions given to the students, and posted official notices. When a student registers in the University, it is understood that both the student and the student's parents or guardians agree to the student being governed by the regulations of the University, and will abide by decisions that may be made by officials in the University regarding the student.

Heart Experiment on Turtle in Physiology Class

Bachelor of Science in Medical Technology

(Major: Medical Technology; Minor: Biology)

FRESHMAN YEAR

Course No.			Sem. Hrs.
En.	101-2	English Composition	6
Pl.	201-2	Logic, Metaphysics I	6
Ch.	101-2	General Chemistry	8
Bl.	105-6	Invertebrate, Vertebrate Zoology	8
Md.	101-2	Medical Technology	8
Th.	105-6	Moral Guidance	4
			40

SOPHOMORE YEAR

Course No.			Sem. Hrs.
En.	201-2	English Literature	6
Lang.	101-2	French, German, Spanish	6
Ch.	201-302	Organic Chemistry; Quantitative Analysis	8
Pl.	203-301	Metaphysics II, Psychology	6
Md.	201-2	Medical Technology	8
Th.	207-302	Apologetics	4
			38

SUMMER SESSION

Bl.	305-6	Parasitology, Mircotechnique**	8

JUNIOR YEAR

Course No.			Sem. Hrs.
Pl.	302-3	Ethics	6
Ch.	309-10	Biochemistry	8
Bl.	301-2	Bacteriology; Histology	8
Md.	301-2	Medical Technology	8
Lang.	201-2	French, German, Spanish	6
Th.	303-4	Scripture, Dogma	4
			40

SENIOR YEAR

Course No.			Sem. Hrs.
Th.	305-6	Sacraments, Marriage	4
Md.	390-91	Medical Technology*	16
			20

* This course consists of one calendar year internship and is taught in one of several affiliated local hospitals approved by the American Medical Association and the American Society of Clinical Pathologists.

Enrollment in the R.O.T.C. Unit is obligatory for all freshmen and sophomore males in the College of Arts and Sciences.

** These courses may be carried in the Evening Division during the Senior year.

DEPARTMENTS OF INSTRUCTION

The courses of instruction are numbered in accordance with a plan uniform throughout the University.

(a) Lower division courses, numbered from 100 to 199, are introductory. They are open to Freshmen and to Sophomores.

(b) Lower division courses, numbered from 200 to 299, are more advanced. For these courses, introductory training in the same or allied subjects is a prerequisite.

(c) Upper division courses, numbered from 300 to 399, are intended for undergraduate students of Junior or Senior standing.

(d) Odd numbers indicate courses given in the first semester, from June to September and January to June; even numbers indicate those given in the second semester from October to January.

Each course number is preceded by its departmental designation.

DEPARTMENT OF BIOLOGY

Dr. Arnold, Chairman Dr. Moore Prof. Merilh
Prof. Duggan Dr. Goetz Prof. Schneidau
Mr. Villere Mrs. Longo
Mr. Burkenstock Rev. Mullahy, S.J.

Bl. 101 General Botany. A course designed to acquaint the student with the biology of the plant kingdom. Fundamental principles, including the morphology and physiology of the cell, are first considered. A study is then made of the morphology, relationships, and life histories of representative examples of the major plant groups. Genetics and the economic importance of certain plants are considered briefly.

Two lectures and two laboratories
Offered every year. 4 sem. hrs.

Bl. 104 General Zoology. A continuation of Course Bl. 101. A comprehensive study is made of typical invertebrate and vertebrate animals. Cell division, embryology, and heredity are also considered.

Two lectures and two laboratory periods.
Offered every year. 4 sem. hrs.

Bl. 105 Invertebrate Zoology. A study of the underlying principles of animal life. The taxonomy, morphology, physi-

ology, life history, habits, and distribution of the invertebrate are considered.

Two lectures and two laboratory periods. 4 sem. hrs.
Offered every year.

Bl. 106 Vertebrate Zoology. A study of the taxonomy, morphology, physiology, life history, habits, and distribution of vertebrate animals. Reference is made to the lower chordate animals. Embryology, Genetics, and Ecology are considered briefly.

Two lectures and two laboratory periods.
Prerequisite: Bl. 105. Offered every year. 4 sem. hrs.

Bl. 201 Comparative Anatomy of the Vertebrates. An intensive laboratory study of type vertebrates, accompanied by lectures on vertebrate phylogeny and anatomy.

Two lectures and two laboratory periods.
Prerequisite: Bl. 101-104 or Bl. 105-106. Fall. 4 sem. hrs.

Bl. 301 Bacteriology. This course embraces bacteriological technique, the classification and the study of the properties of important non-pathogenic and pathogenic bacteria. The principles of immunity and serology, and a brief survey of filtrable viruses are also considered.

Two lectures and two laboratory periods.
Prerequisite: Bl. 201. Offered every year. 4 sem. hrs.

Bl. 302 General Histology. The study of the microscopic structure of tissues and organs of the mammalian body, and the study of the fundamentals of hematology.

Two lectures and two laboratory periods.
Prerequisite: Bl. 201. Offered every year. 4 sem. hrs.

Bl. 303 General Physiology. A course in the fundamentals of mammalian anatomy and the normal functions of tissues and organs, with special emphasis on the human type.

Three lectures and one laboratory period.
Offered every year. 4 sem. hrs.

Bl. 305 Animal Parasitology. A study of parasites in relation to disease. The various types of parasites, their life histories, and the conditions which they cause will be considered.

Two lectures and two laboratory periods.
Prequisite: Bl. 201. Offered every year. 4 sem. hrs.

Bl. 306. Animal Microtechnic. A course in the principles and methods of preparing animal material for microscopical study. The student is given practice in fixing, embedding, sectioning, staining, and mounting tissues; the preparation of whole mounts.

One lecture or conference, and at least five laboratory periods a week.

Prerequisite: Bl. 302. Offered every year. 4 sem. hrs.

Bl. 310. Pothier Seminar. The seminar is composed of the staff and of students majoring in Biology, as well as others interested in the subject. The work of the seminar consists in the reading and discussion of papers on biological subjects by the members and lectures by visiting scientists.

Offered every year. No credit.

Bl. 390-391. Biological Problems. This is a course to allow the student to carry on advanced biological work under faculty supervision. This course is open to Seniors.

Prerequisite: Three years of Biology.

Offered every year. Credit determined by work done.

DEPARTMENT OF CHEMISTRY

Rev. Francis, S.J., Chairman

Prof. Bailey — Prof. Muldrey

Rev. Jolley, S.J. — Dr. de Monsabert

Ch. 101. General Inorganic Chemistry. Fundamental principles of Chemistry; the laws of chemical action and a description of the metallic and non-metallic elements and their compounds.

Two lectures and two laboratory periods.

Offered every year. 4 sem. hrs.

Ch. 102. General Inorganic Chemistry. A detailed study of the metallic elements and their salt formations, solution, ionization, precipitation, and qualitative analysis. Detection of the common cations and anions, based on the application of chemical principles.

Two lectures and two laboratory periods.

Prerequisite: Ch. 101. Offered every year. 4 sem. hrs.

Ch. 201. Organic Chemistry. Discussion of the important compounds of aliphatic and aromatic series and preparation of typical compounds.
Two lectures and two laboratory periods.
Offered every year. 4 sem. hrs.

Ch. 202. Organic Chemistry. A continuation of Ch. 201.
Two lectures and two laboratory periods.
Offered every year. 4 sem. hrs.

Ch. 301. Inorganic Qualitative Analysis. A study of anions and cations—their identification.
Two lectures and two laboratory periods.
Offered every year. 4 sem. hrs.

Ch. 302. Inorganic Quantitative Analysis. Gravimetric and volumetric methods.
One lecture and three laboratory periods.
Offered every year. 4 sem. hrs.

Ch. 309-310. Biological Chemistry. A study of the chemical constituents of the body. The chemistry and functions of the carbohydrates, fats, proteins, vitamins, and mineral elements of foods. Two lectures and four hours of laboratory. Prerequisites: Ch. 201-2, 302. Spring and Fall. 8 sem. hrs.

DEPARTMENT OF ENGLISH

Rev. O'Connor, S.J., Chairman

Dr. Eberle — Rev. Quirk, S.J. — Dr. Horne
Prof. Zachary — Rev. Maher, S.J. — Mr. Reinecke

En. 101. Freshman Composition. Principles of *effective* writing. Exercises in précis work, essays, speeches.
Offered every year. 3 sem. hrs.

En. 102. Freshman Composition. Principles of *artistic* writing. Exercises in narrative and descriptive forms, and the familiar essay.
Offered every year. 3 sem. hrs.

En. 201. A Survey of English Poetry and Prose. Political, intellectual, and religious background from Beowulf to the Romantics. The course is required of all Sophomores.
Offered every year. (I) 3 sem. hrs.

En. 202. A Survey of English Poetry and Prose. From the Romantics to the present day. This course is required of all Sophomores. Offered every year. (II) 3 sem. hrs.

DEPARTMENT OF MEDICAL TECHNOLOGY

Dr. Arnold, Chairman Dr. Moore
Prof. Duggan Dr. Gaudet Dr. Harris Dr. Hartwell
Dr. Hauser Prof. Merilh Dr. Maher Dr. Delery
Dr. Swan Dr. Goetz Dr. Hertzog Prof. Schneidau
Miss Barlow Mrs. Longo Miss Harnan Miss Norsworthy

Md. 101 A course to acquaint the prospective Medical Technician with the ethics of the profession. The course includes a thorough study of the principles and practice of Hematology. Offered every year. 4 sem. hrs.

Md. 102 A course designed to instruct the student in the care and use of laboratory equipment and the principles of urinalysis. Offered every year. 4 sem. hrs.

Md. 201 This course includes a study of the fundamentals of anatomy and physiology, and detailed studies in the technique of electrocardiography and basal metabolism.
Offered every year. 4 sem. hrs.

Md. 202 A study of the principles of gastric analysis, duodenal analysis and fecal analysis.
Offered every year. 4 sem. hrs.

Md. 301 A comprehensive review of all preceding courses with further studies in techniques and interpretation of results. The following subjects are included:

Urinalysis	Gastro-Enterology
Hematology	Pathogenic Bacteriology
Serology	Basal Metabolism
Tissue Sections	Electrocardiography
Parasitology	Museum Preparation Technique
Fecal Analysis	Gross and Microscopic Photography

Offered every year. 4 sem.hrs.

Md. 302 Continuation of Md. 301
Offered every year. 4 sem.hrs.

Md. 390-391 This course is a practical application of principles of Medical Technology which have been covered in the preceding courses in the department. This course is of one calendar year duration. It is taught in various local hospitals which have been approved by the American Medical Association and the American Society of Clinical Pathologists. Practical laboratory internship experience is allowed for this course.
Offered every year. 16 sem. hrs.

DEPARTMENT OF MODERN LANGUAGES

Rev. Callens, S.J., Chairman

Prof. Baker — Prof. O'Flaherty — Prof. Snyder
Prof. Heller — Dr. Romeo — Prof. Young

A. French

Fr. 101-102 First Year College. The essentials of French grammar, graded reading and composition. Credit for 101 is dependent upon completion of 102.
Five periods a week.
Offered every year. 6 sem. hrs.

Fr. 201-202 Second Year College. Grammar review, selected readings, composition.
Offered every year. 6 sem. hrs.

B. German

Gr. 101-102 First Year College. The essentials of German grammar, graded reading and composition. Credit for 101 is dependent upon completion of 102.
Five periods a week.
Offered every year. 6 sem. hrs.

Gr. 201-202 Second Year College. Grammar review, selected readings, composition.
Offered every year. 6 sem. hrs.

Gr. 210 Scientific German. A course designed to familiarize students with the complexities of scientific German. The course stresses the acquisition of a basic science vocabulary and provides intensive drill in the structure of learned discourse. Major emphasis is placed upon readings in the fields of Biology, Chemistry and Physics. The course replaces **Gr. 202** for candidates for the degree of Bachelor of Science, except with a major in Education.
Offered Fall Semester. 3 sem. hrs.

C. Spanish

Sp. 101-102 First Year College. The essentials of Spanish grammar, graded reading and composition. Credit in 101 is dependent upon completion of 102.
Five periods a week.
Offered every year. 6 sem. hrs.

Sp. 201-202 Second Year College. Grammar review, selected readings, composition.

Offered every year. 6 sem. hrs.

DEPARTMENT OF PHILOSOPHY

Rev. Bogue, S.J., Chairman

Rev. Burke, S.J. Rev. Walsh, S.J. Rev. Toomey, S.J.
Rev. Shields, S.J. Rev. Mulherin, S.J.

Lower Division Courses

Pl. 201 Logic Definition and division of philosophy; acts of the mind; external expression of these acts; forms of argumentation; fallacies; logical truth; certitude; criteria of truth. 3 sem. hrs.

Pl. 202 Metaphysics I Being, its objective concept; essence; states of being; existence; possibility, internal and external; sources of internal possibility; kinds of being; substance and accident; distinction between nature and person; attributes of being; principle of causality. Prerequisite: Pl. 201. 3 sem. hrs.

Pl. 203 Metaphysics II Origin of the world; finality of the world; existence of God; God and the world. Prerequisite: Pl. 202. 3 sem. hrs.

Pl. 211 Survey of Ancient Philosophy Study of pre-Hellenic, Greek, Greco-Roman, and Greco-Oriental philosophy to the Christian era. 3 sem. hrs.

Pl. 212 Survey of Medieval Philosophy Study of patristic and scholastic philosophy. Prerequisite: Pl. 211. 3 sem. hrs.

Upper Division Courses

Pl. 301 Psychology Life in general; empirical observation of vital action; the power of self-motion; purposive activity; immanency of action; scholastic concept of life; the three essentially different grades of life; the prime principle of life; the theory of evolution; the nature of the soul; the origin of the soul; the immortality of the soul; union of soul and body. Prerequisite: Pl. 202. 3 sem. hrs.

Pl. 302 General Ethics Definition, nature, object, and necessity of ethics; subjective and objective ultimate end of man; human action; its merit and imputability; norm of morality, true and false; Law, natural and positive. Prerequisite: Pl. 203 or Pl. 306, and Pl. 301. 3 sem. hrs.

Pl. 303 Individual and Social Ethics Man's duty to his Creator; man's duty to himself; man's duty to his neighbor; duties to property; society: domestic, civil, international, religious. Prerequisite: Pl. 302. 3 sem. hrs.

Pl. 304 Critics Study of the mind in relation to truth; ignorance; doubt; opinion; nature and kinds of certitude; scepticism; agnosticism; materialism; positivism; idealism; rationalism; traditionalism. Prerequisite: Pl. 201. 3 sem. hrs.

Pl. 305 Cosmology Properties of bodies; essential constitution of bodies; atomism; dynamism; hylomorphism; hylosystemism; substantial changes; the laws of nature. Prerequisite: Pl. 202, Pl. 203. 3 sem. hrs.

Pl. 306 Theodicy Atheism, agnosticism, deism, theism; the essence of God; the divine attributes; the materialistic and pantheistic concept of God. Prerequisite: Pl. 202, Pl. 203. 3 sem. hrs.

Pl. 311 Modern Philosophy Transition from scholastic to modern philosophy; the development of modern philosophical thought. 3 sem. hrs.

Pl. 312 Current Philosophical Developments Prerequisite: Pl. 311. 3 sem. hrs.

DEPARTMENT OF PHYSICS AND MATHEMATICS

Rev. Maring, S.J., Chairman

Rev. Benedetto, S.J. Prof. Strohmeyer

A. Physics

Ph. 201-203 General Physics The principles of mechanics, heat, sound, light, magnetism, electricity, and fundamentals of atomic physics constitute this two-semester course. Two lectures each week. Prerequisite: Mt. 101 or 103, and 105. 4 sem. hrs.

Ph. 202-204 General Physics Laboratory course. About fifty graded experiments in mechanics, heat, sound, light, magnetism, and electricity. This course is the companion to Ph. 201-203. Two laboratory periods per week. 4 sem. hrs.

B. Mathematics

Mt. 101 College Algebra Fundamental algebraic operations: addition, subtraction, multiplication, division, factoring, equations; theory of equations. This course fulfills the algebra requirements for all students except those who elect their field of concentration in mathematics or chemistry or physics. Offered every year. 3 sem. hrs.

Mt. 105 Plane Trigonometry Trigonometric functions of acute angles; use of the table of natural functions; the right triangle; trigonometric functions of any angle; functions of the sum of the difference of two angles; the oblique triangle; graphs of functions; trigonometric identities and equations; applications of trigonometry to algebra. Offered every year. 3 sem. hrs.

DEPARTMENT OF THEOLOGY

Rev. Louis G. Soniat, S.J., A.M., Acting Chairman

Th. 105 Scripture Four Gospels and Life of Christ. Fall 2 sem. hrs.

Th. 106 Catholic Apologetics Christ's revelation; Founding of Church; Church in World Today. Spring 2 sem. hrs.

Th. 207 Catholic Morality Foundations of Morality; Fundamental Laws of Morality; Ten Commandments excluding Sixth and Ninth. Fall. 2 sem. hrs.

Th. 208 Catholic Morality Sixth and Ninth Commandments; Precepts of Church; Canon Law of Marriage. Spring. 2 sem. hrs.

Th. 302 Dogma I Fundamental Mysteries of Faith; Trinity, Original Sin, Incarnation, Redemption. Fall. 2 sem. hrs.

Th. 303 Dogma II Supernatural Life; Grace Actual and Sanctifying. Spring. 2 sem. hrs.

Th. 304 Dogma III Sacramental Life; Supernatural Life as channelled through the Sacraments (Matrimony excluded). Fall. 2 sem. hrs.

Th. 305 Dogma IV Eschatology; Final end of Ma
Vision or Frustration of that End in Hell. Spring.

Th. 306 Dogma V Trinitarian Theology; An ex
the vital union of the Soul in Sanctifying Grace wit
Trinity. Prerequisites: Th. 302 and/or Th. 304 and
of 3 semesters of Philosophy.

Th. 307 Dogma VI Eucharistic Theology: An ex
the Mass: Dogmatic, moral, liturgical. Prerequisit
and/or Th. 304 and a minimum of 3 semesters of P

Th. 311 Christian Marriage A dogmatic and mo
tion of the Sacrament of Matrimony.

Th. 312 Dogma VII Angelical Theology; An ex
the nature and role of the good and bad Angels.

Form of General Bequest

I hereby give and bequeath to Loyola University, N

Louisiana, for the use of said institution in fulfill

*general corporate purpose*_____

(State here the sum of money desired to be given, or, residue of an estate, state this fact.)

Form of Bequest for a Particular Purpos

I hereby give and bequeath to Loyola University, N

*Louisiana, for the following purpose*_____

(State clearly the special object of the bequest, as well of money or property, real or personal, constituting the s